

09042355 1032100

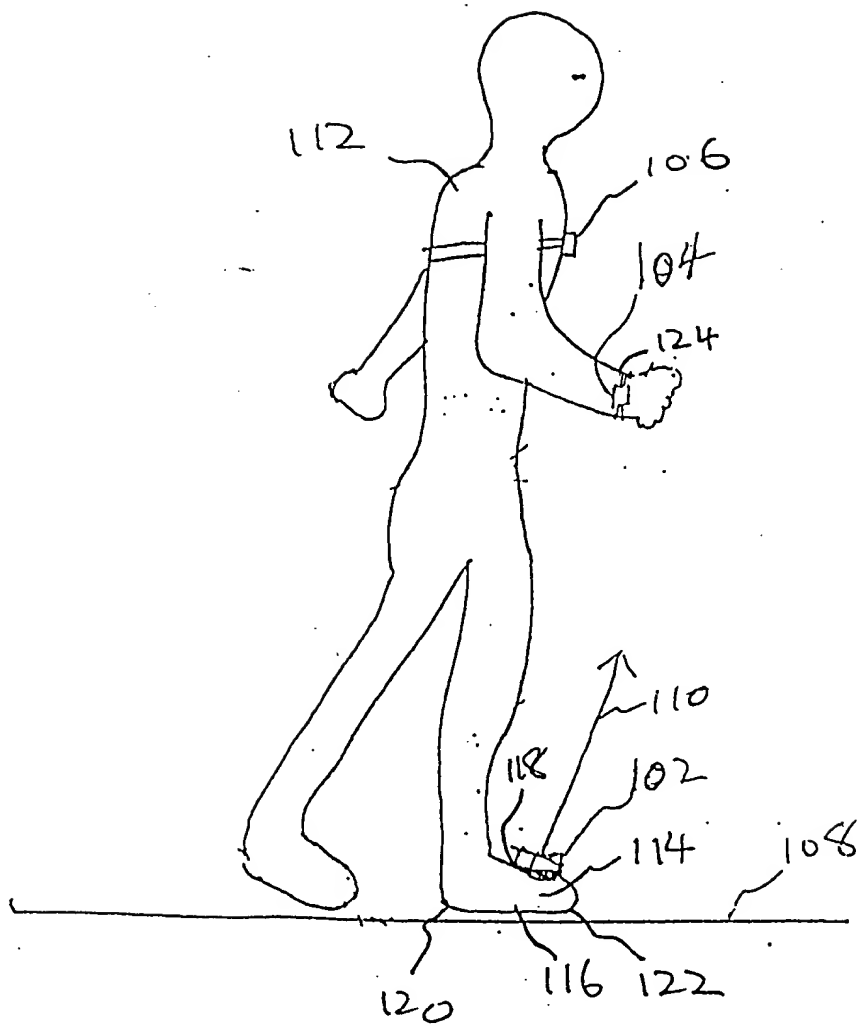


Fig. 1

09642865 "082100

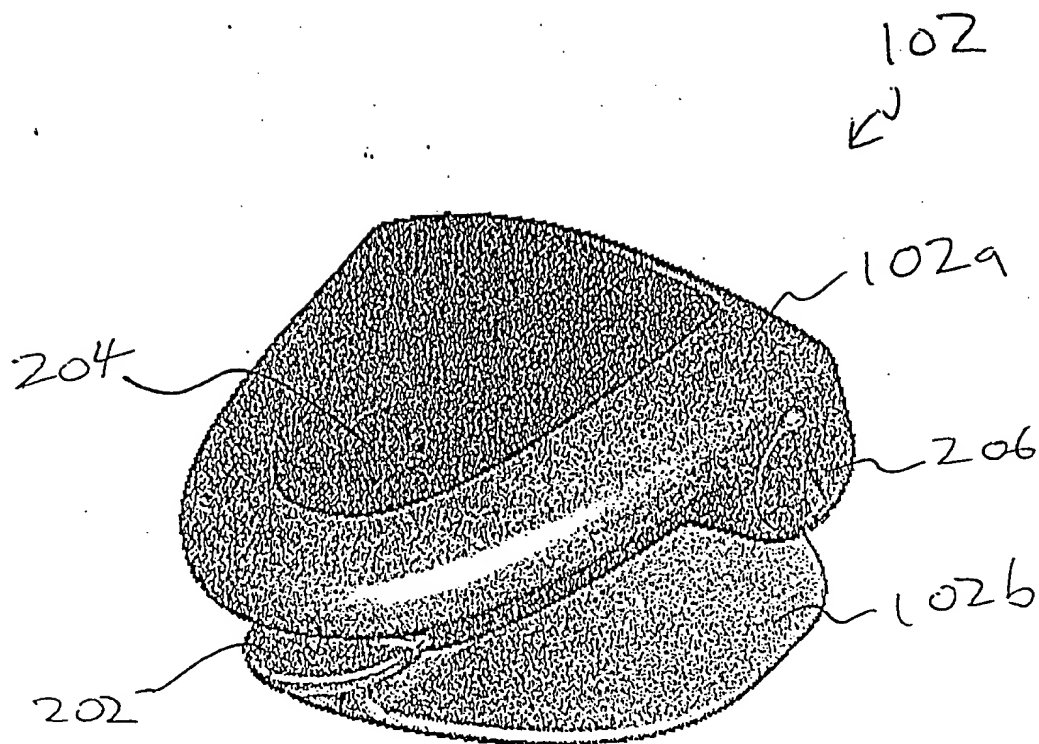


Fig. 2A

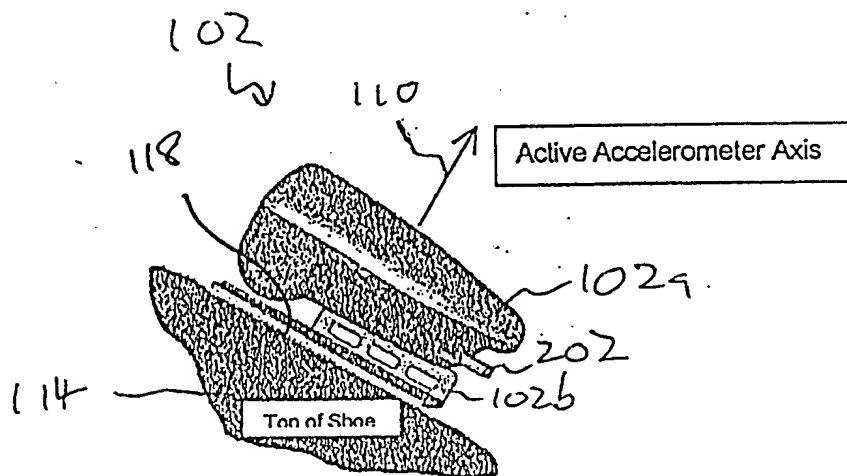


Fig. 2B

0042355.032400

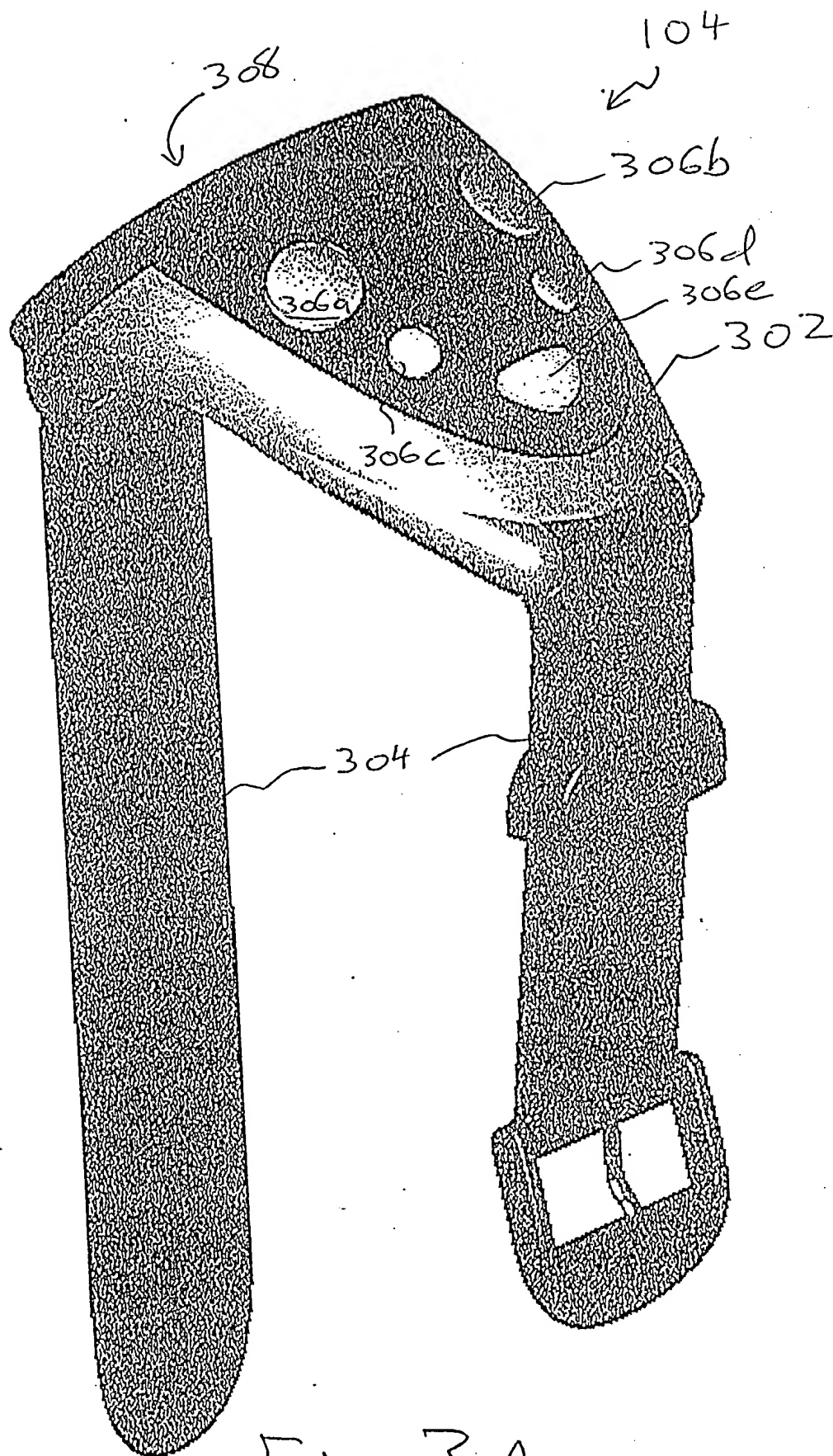


Fig. 3A

001280" 59924260

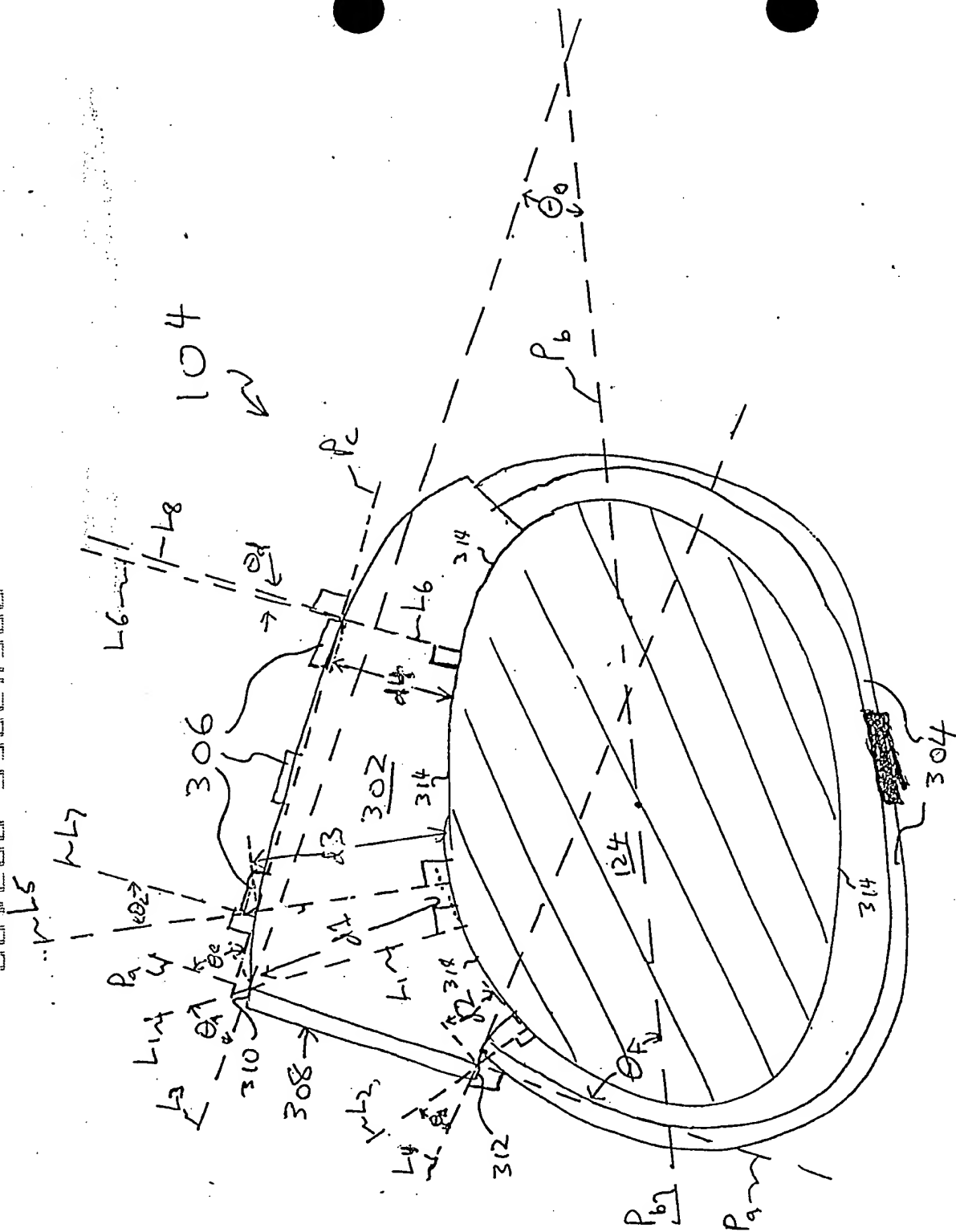


Fig. 3B

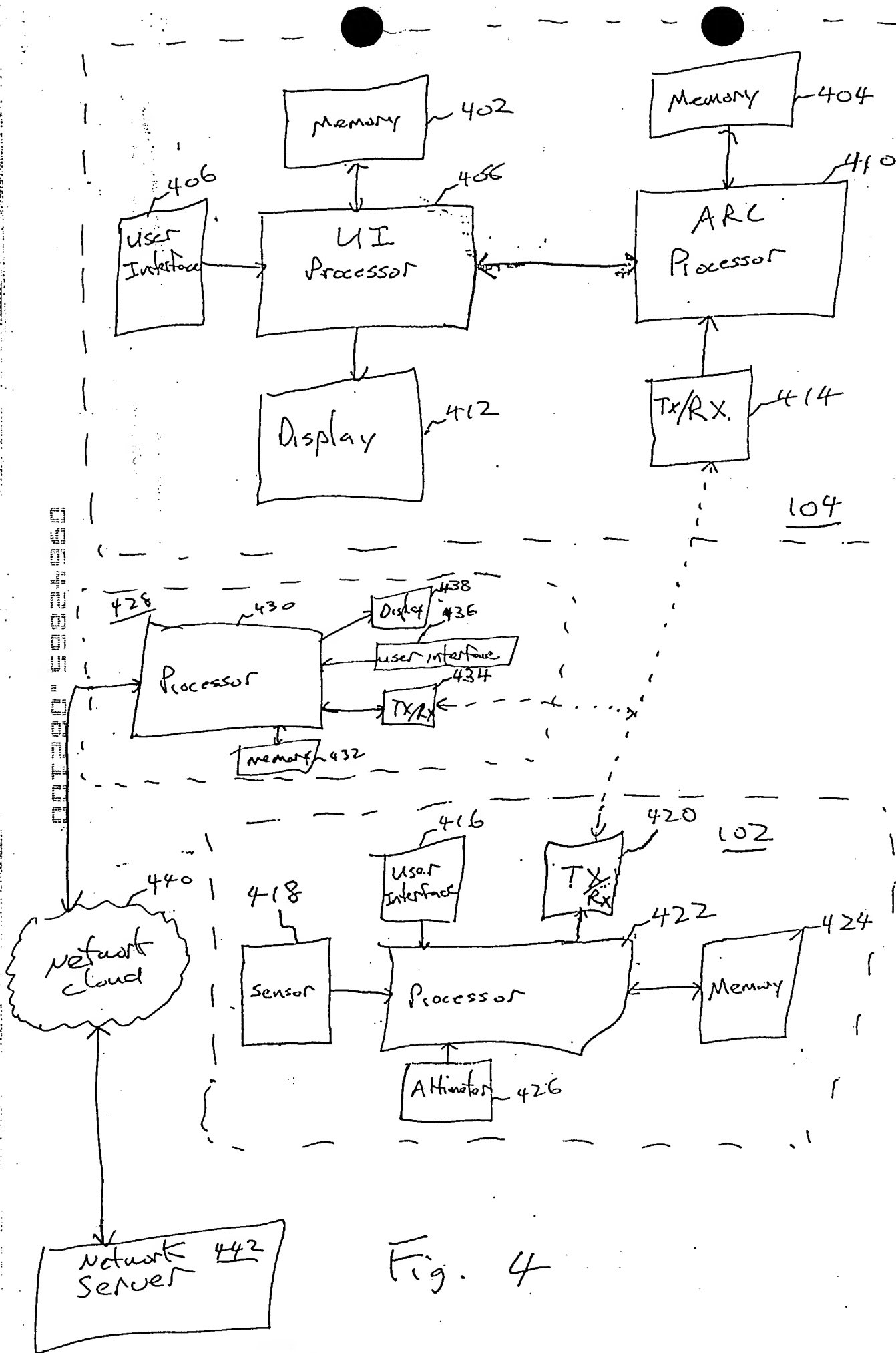


Fig. 4

007200 50024950

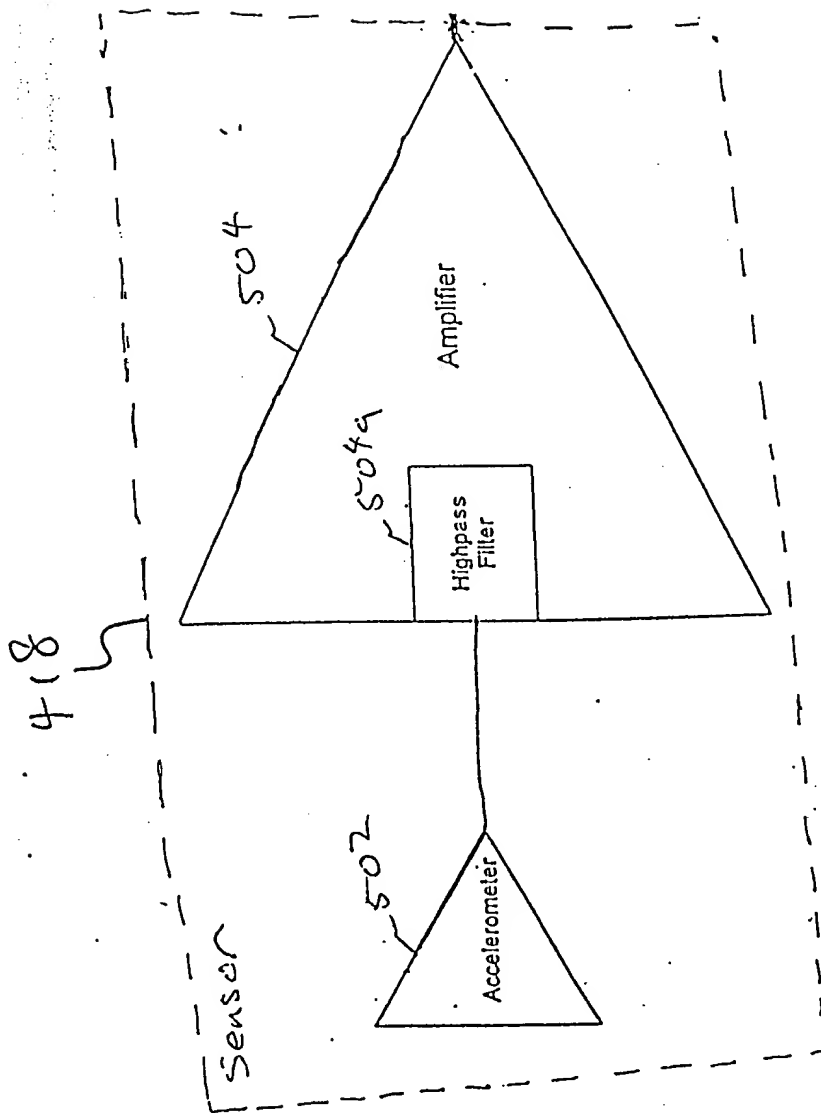


Fig. 5

418 007220" 50024960

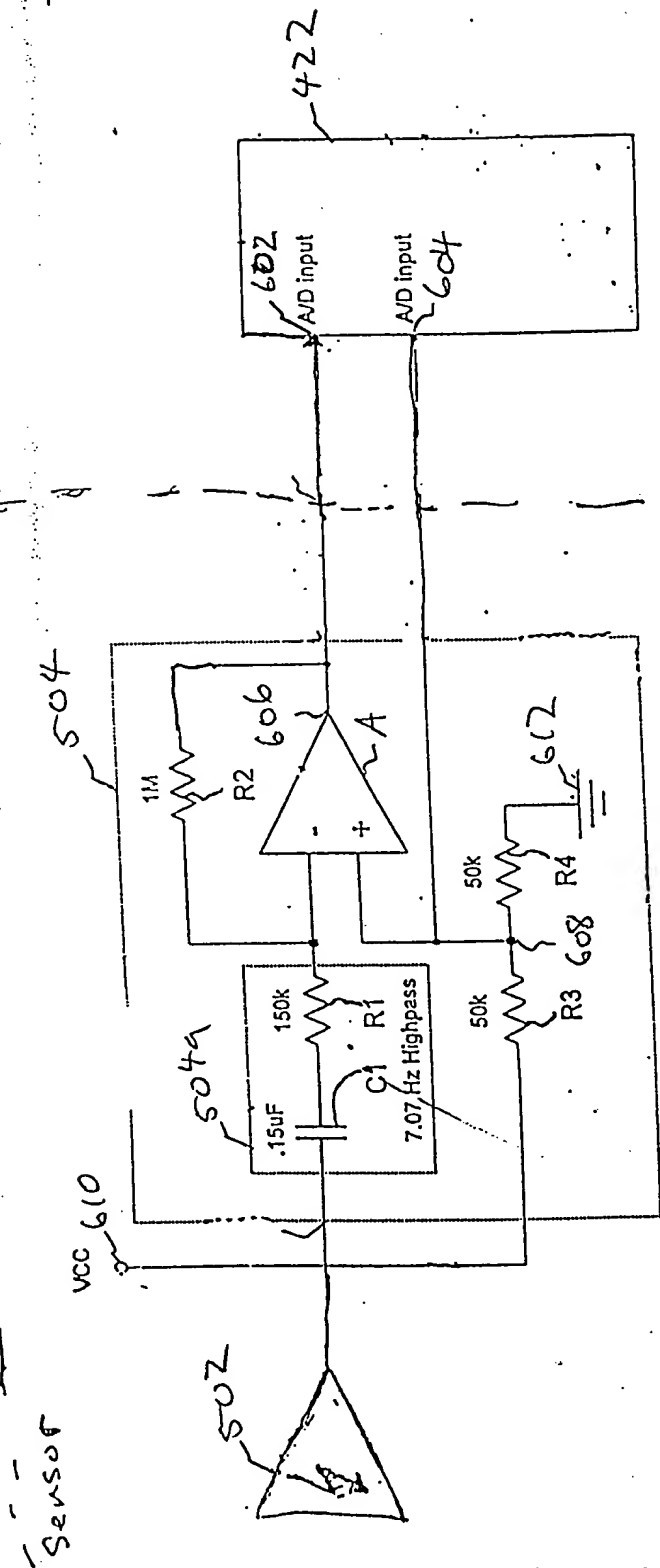


Fig. 6

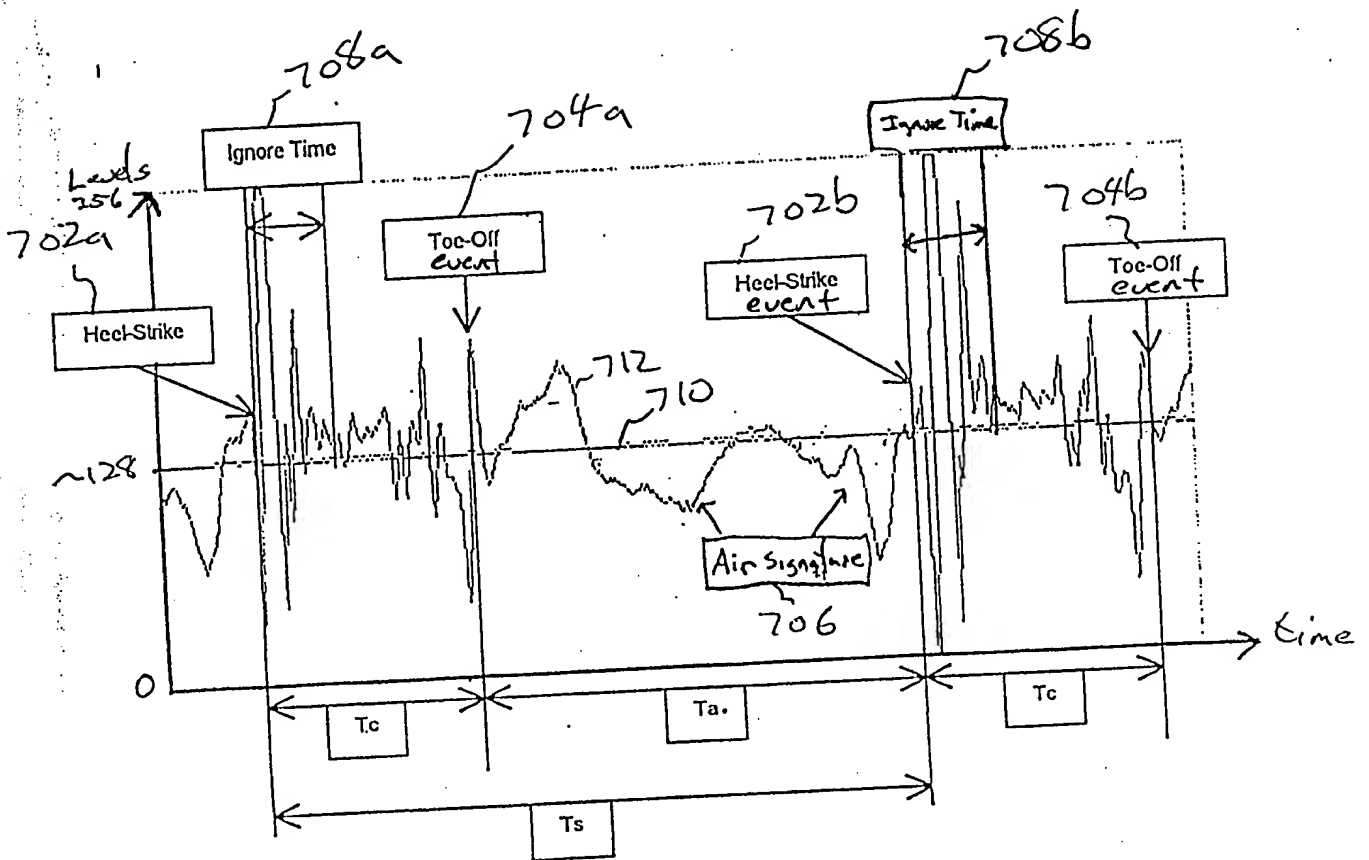


Fig. 7

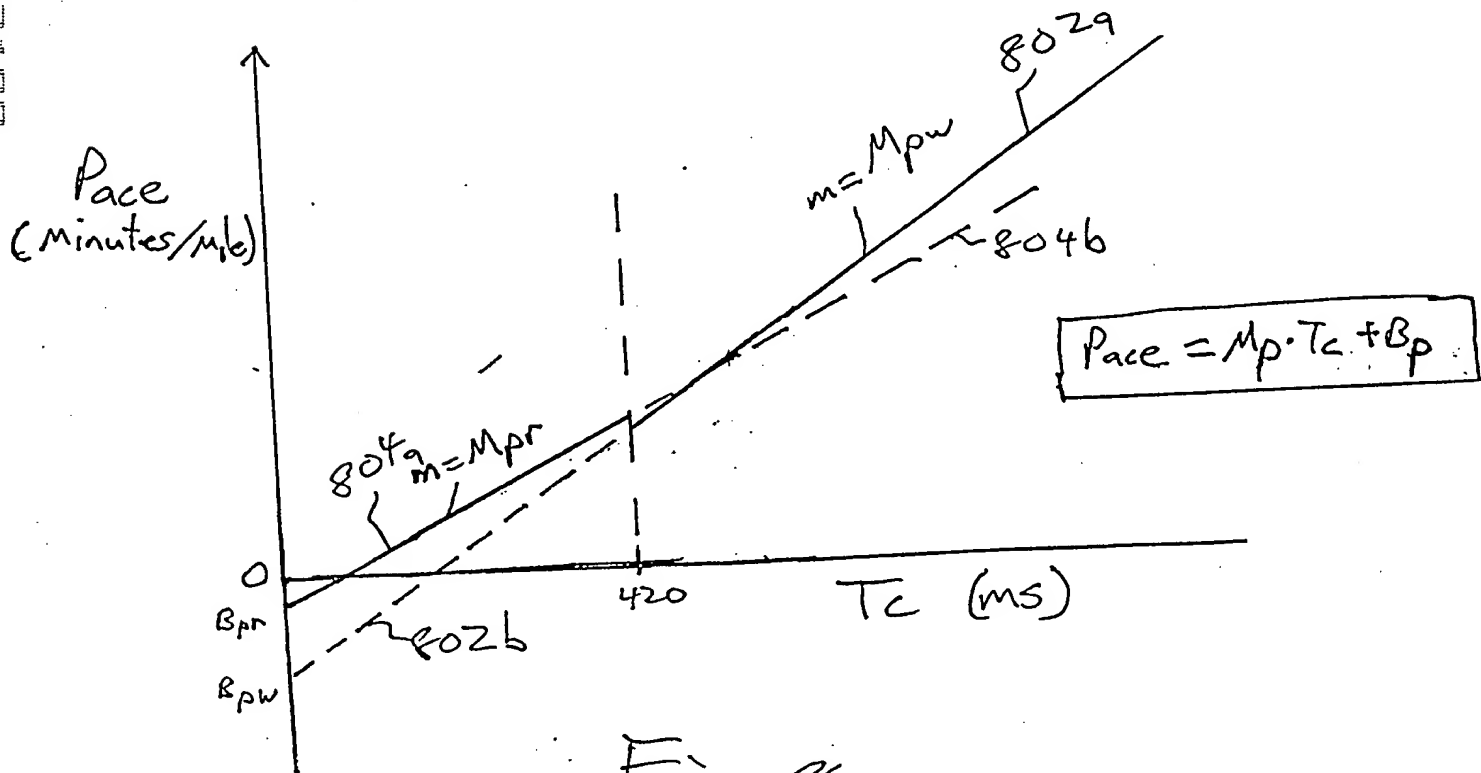


Fig. 8



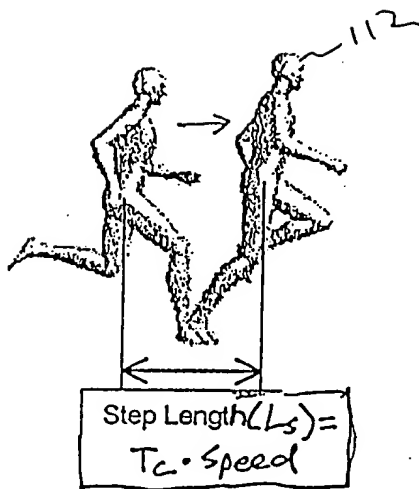


Fig. 9

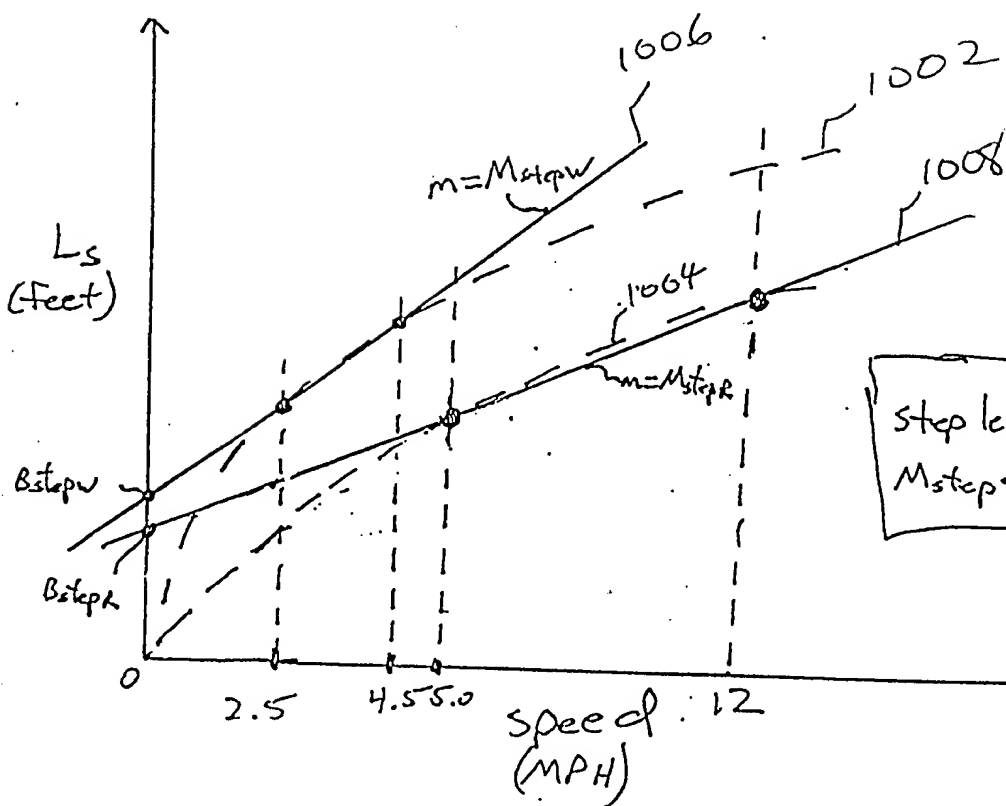


Fig. 10

004265 002100 001200 59924960

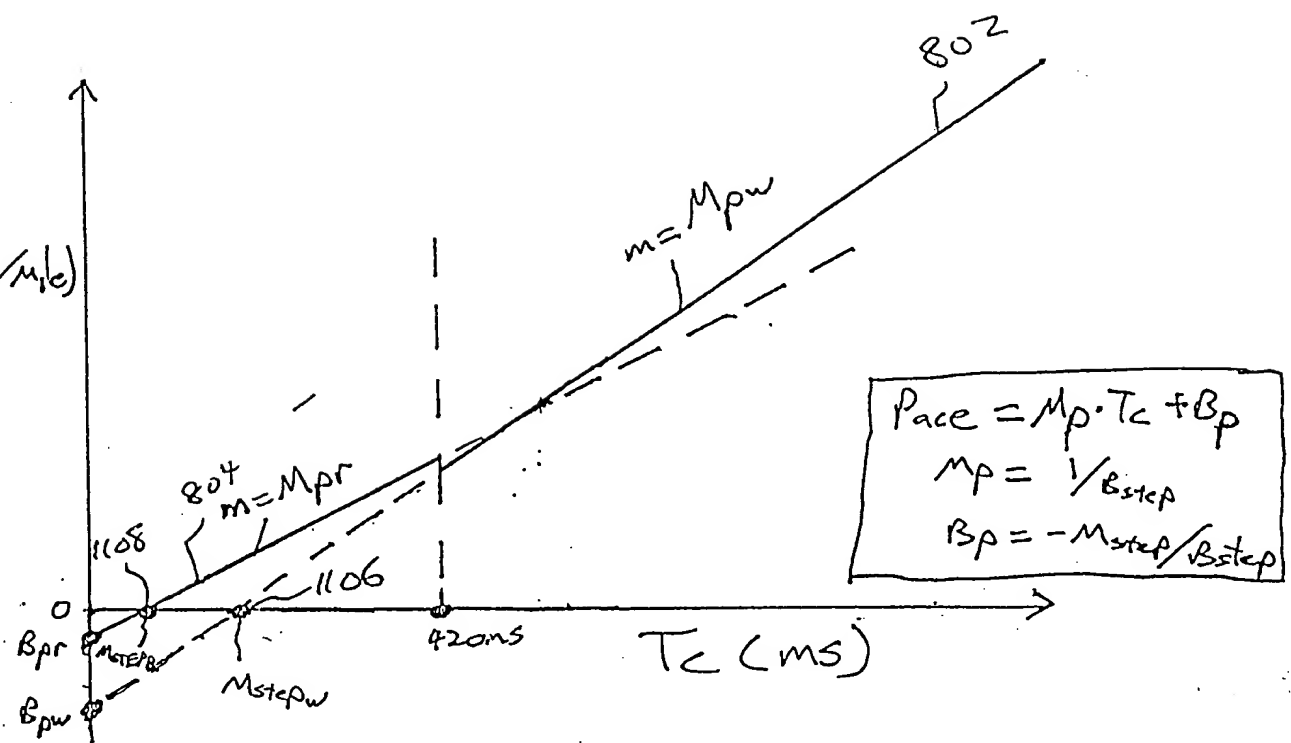


Fig. 11

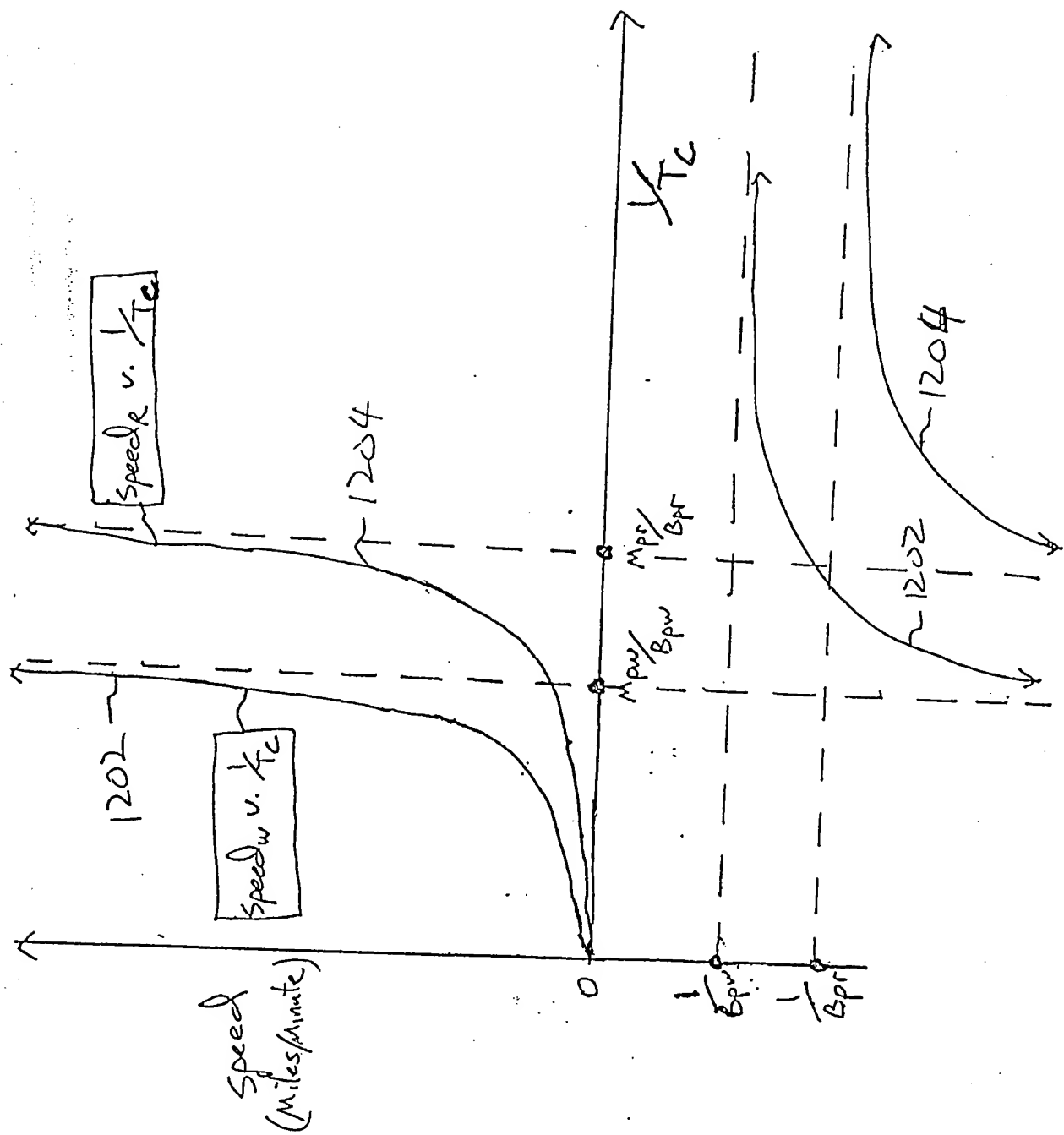


Fig. 12

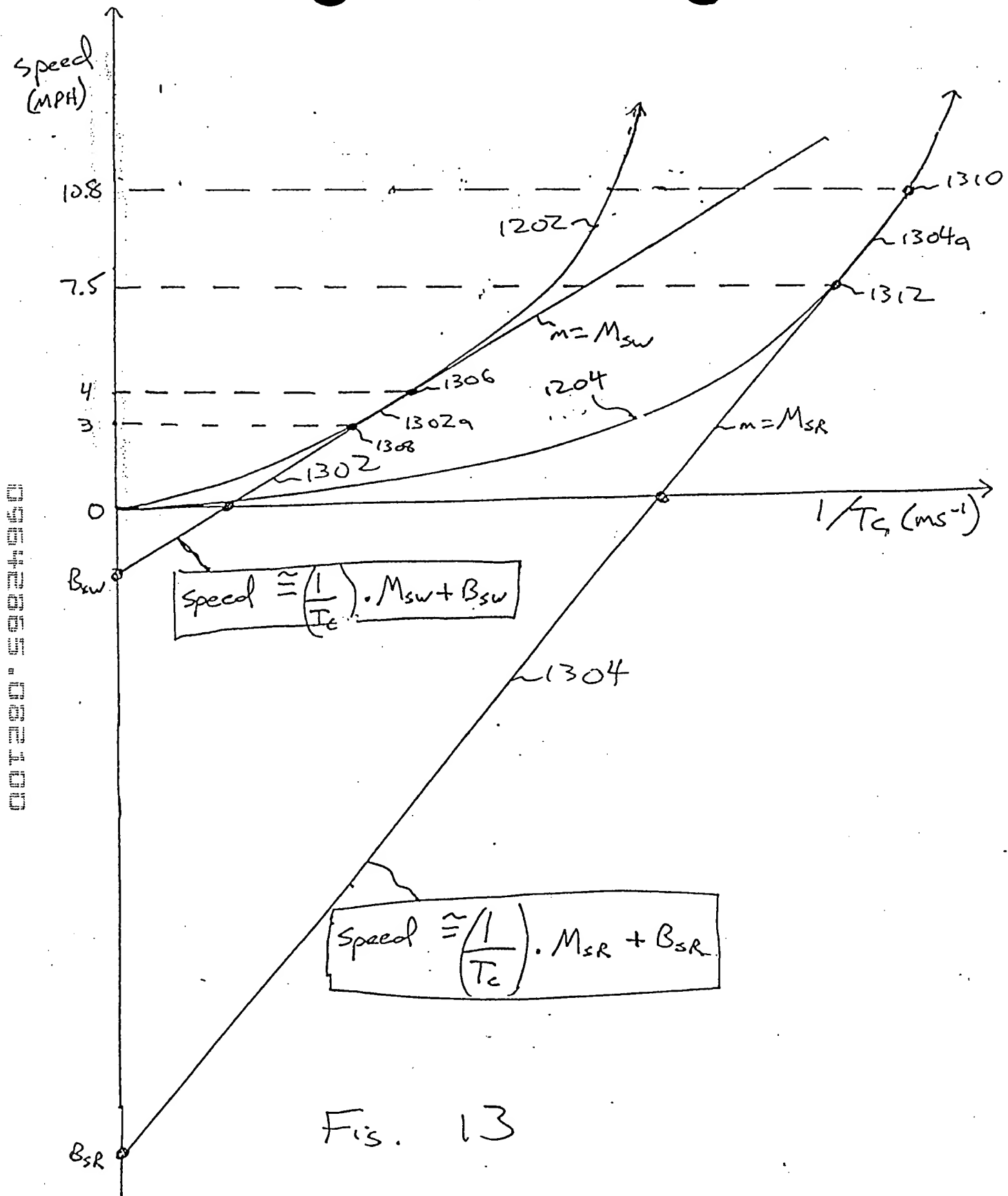


Fig. 13

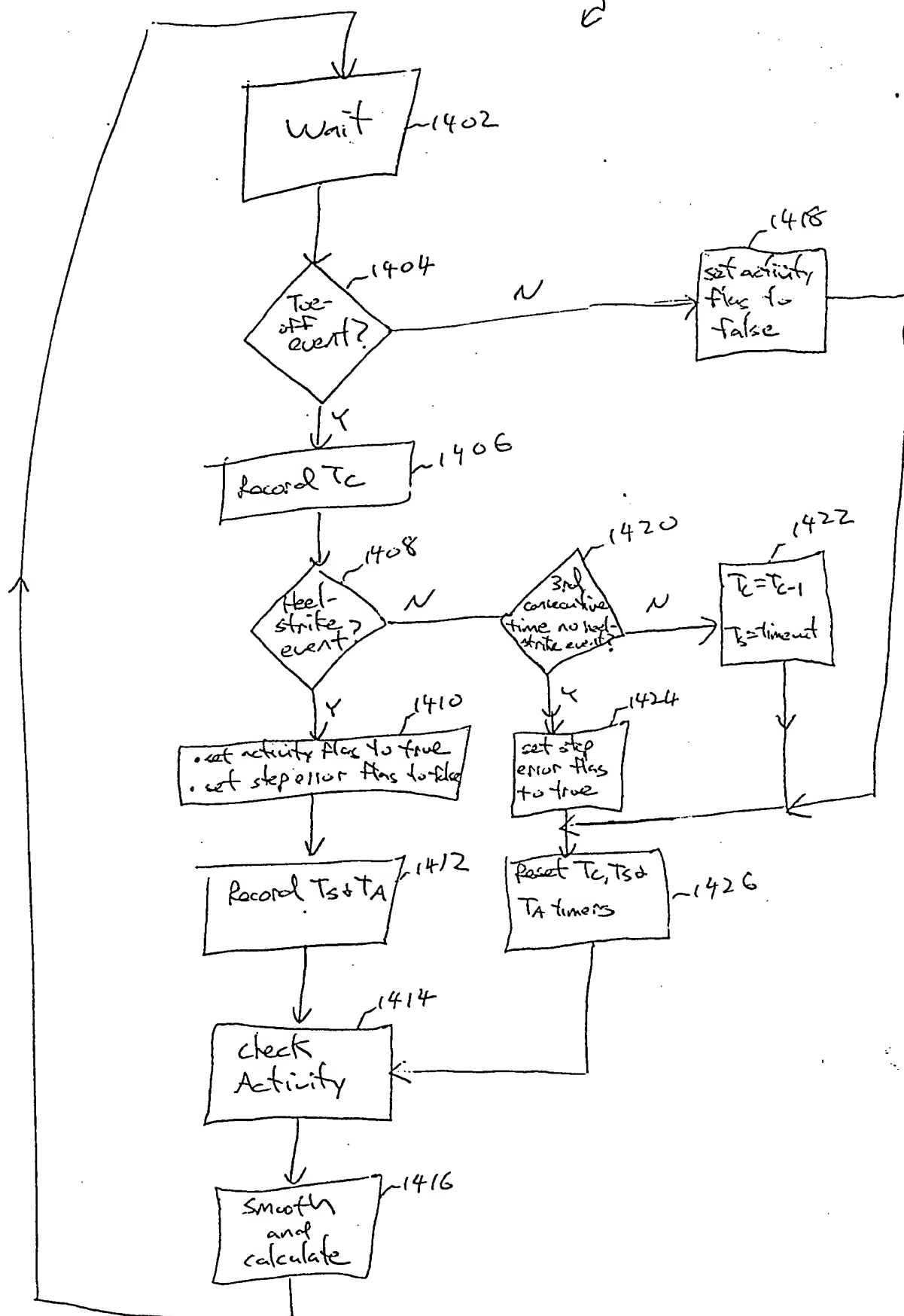
[illegible]

Fig. 14

09642865.082100

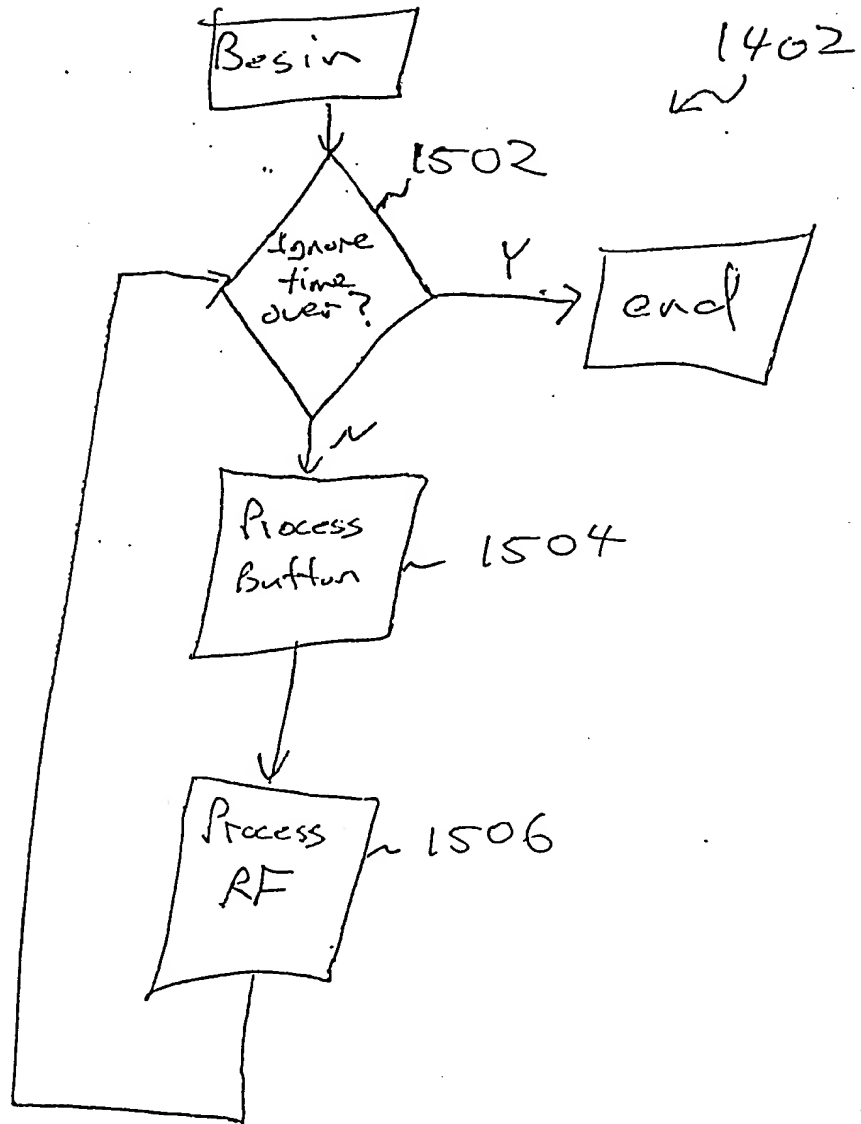


Fig. 15

1504

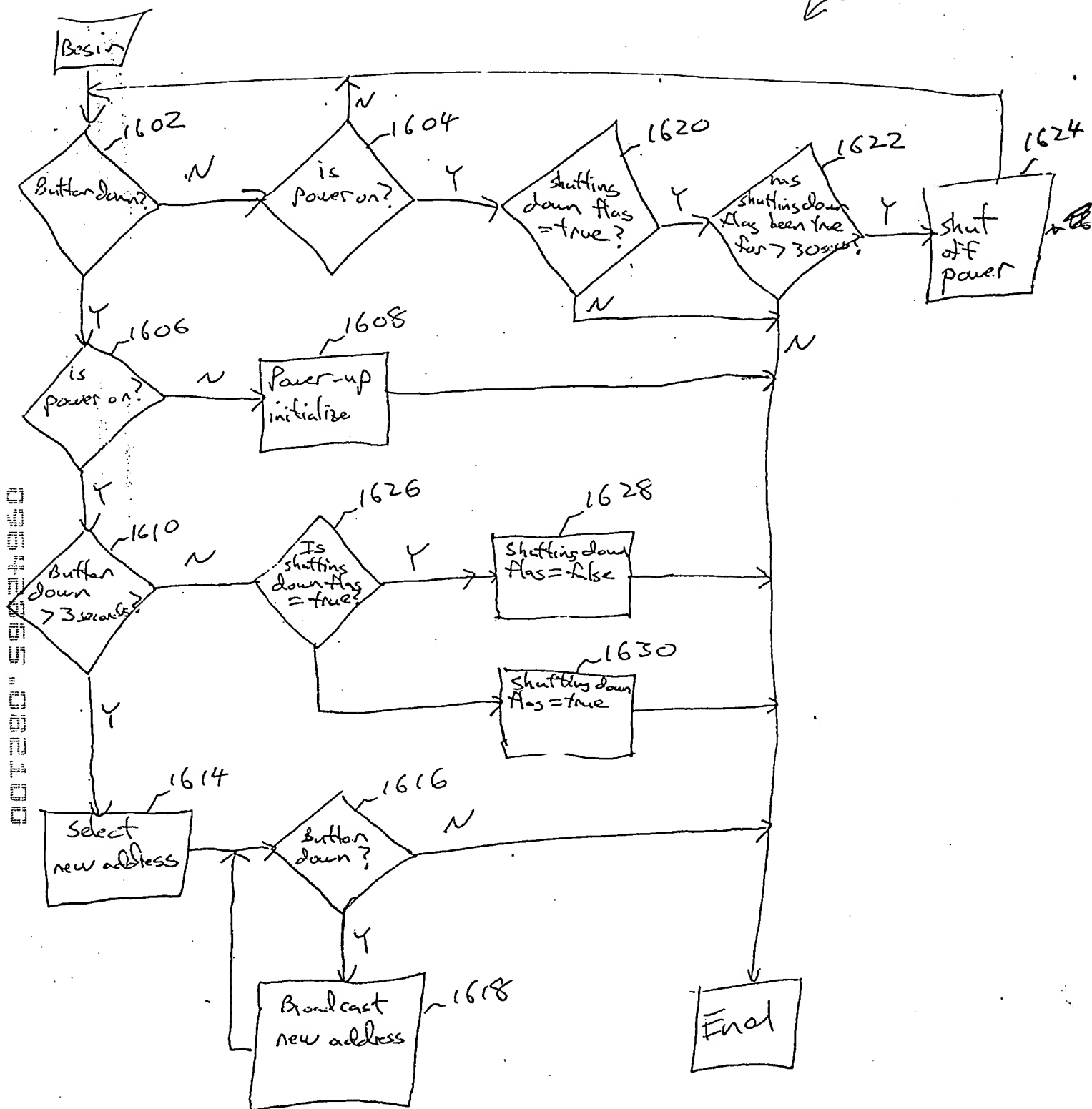


Fig. 16

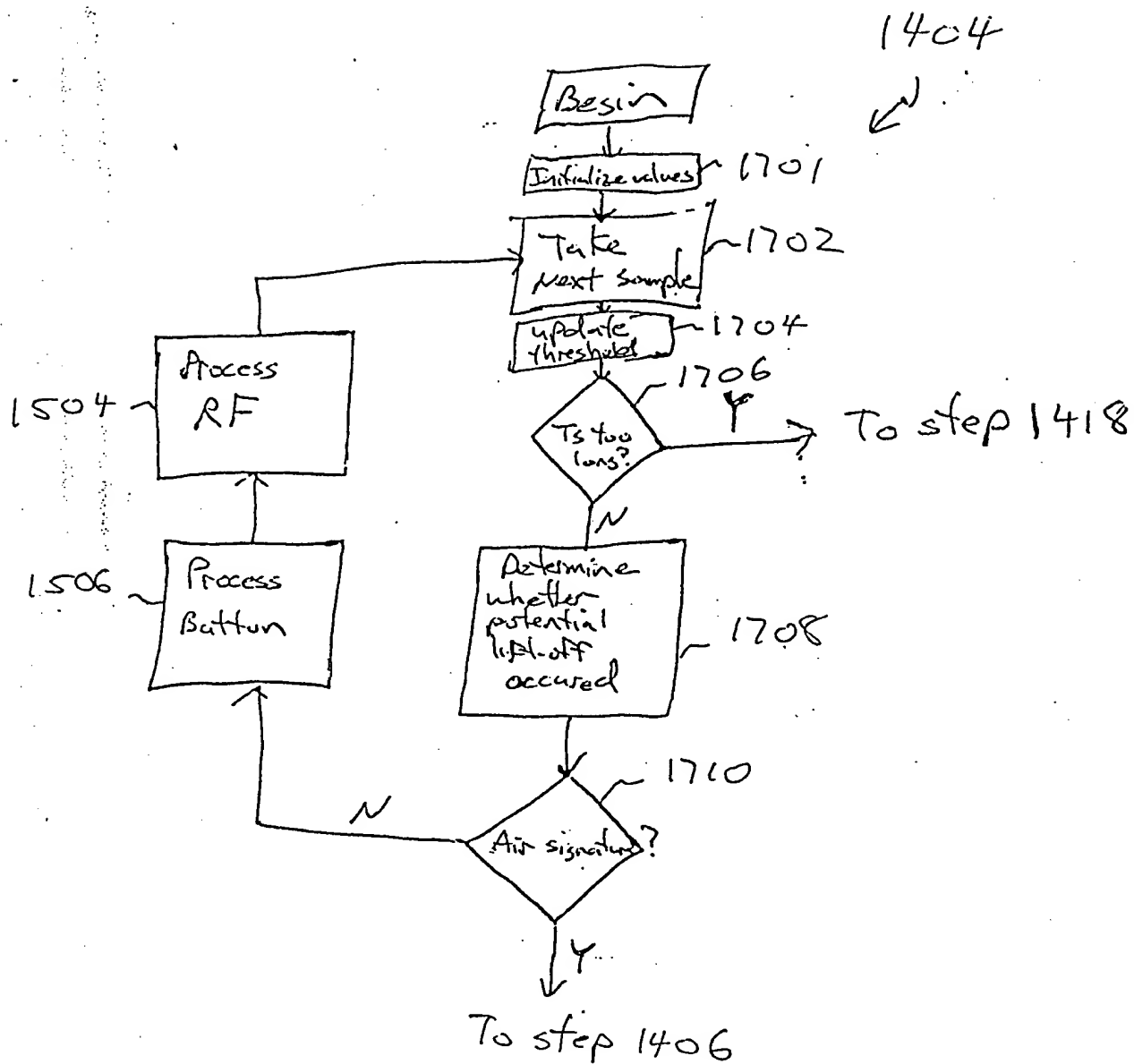
[illegible]

Fig. 17.



09642665.082100

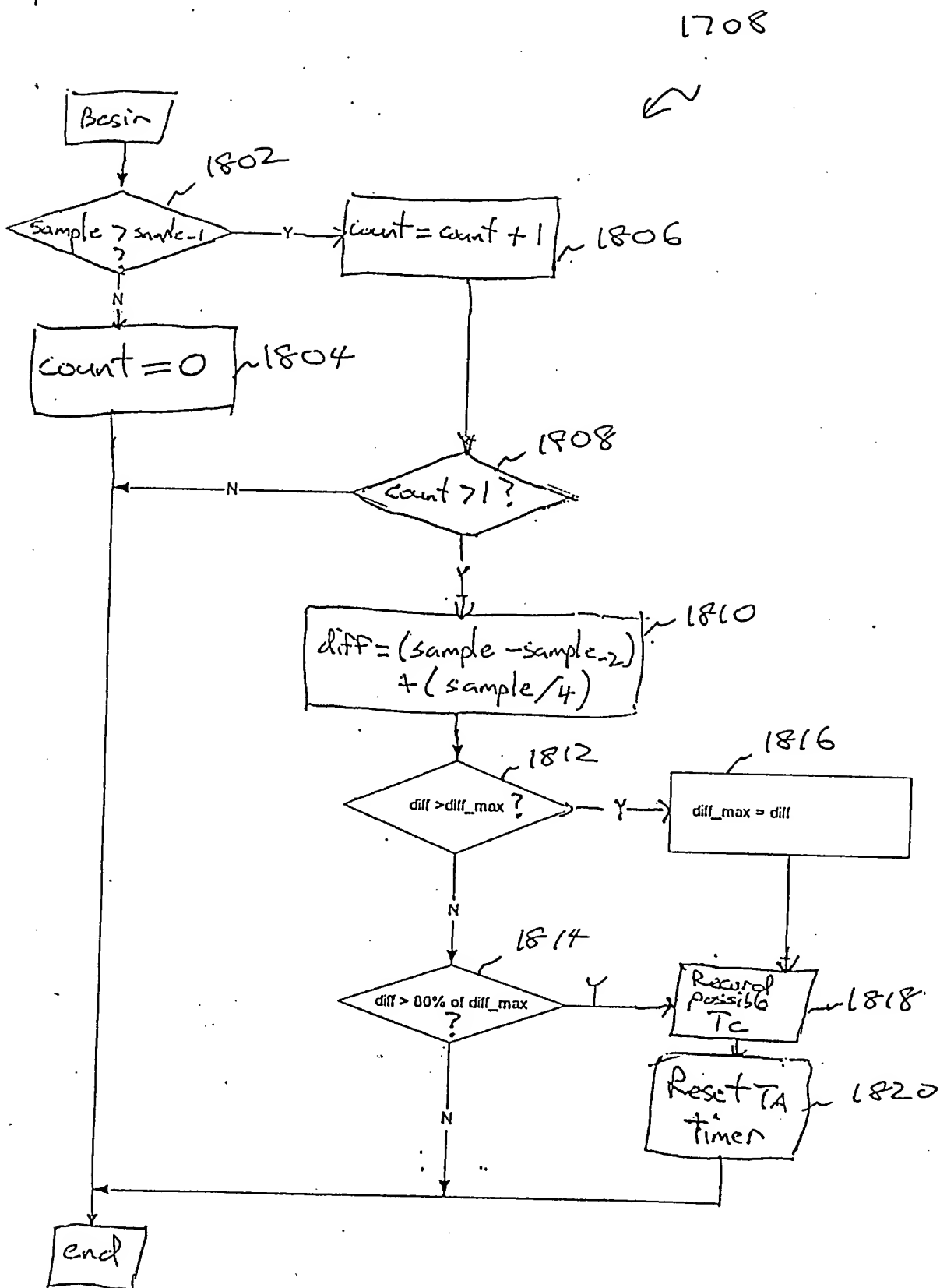


Fig. 18

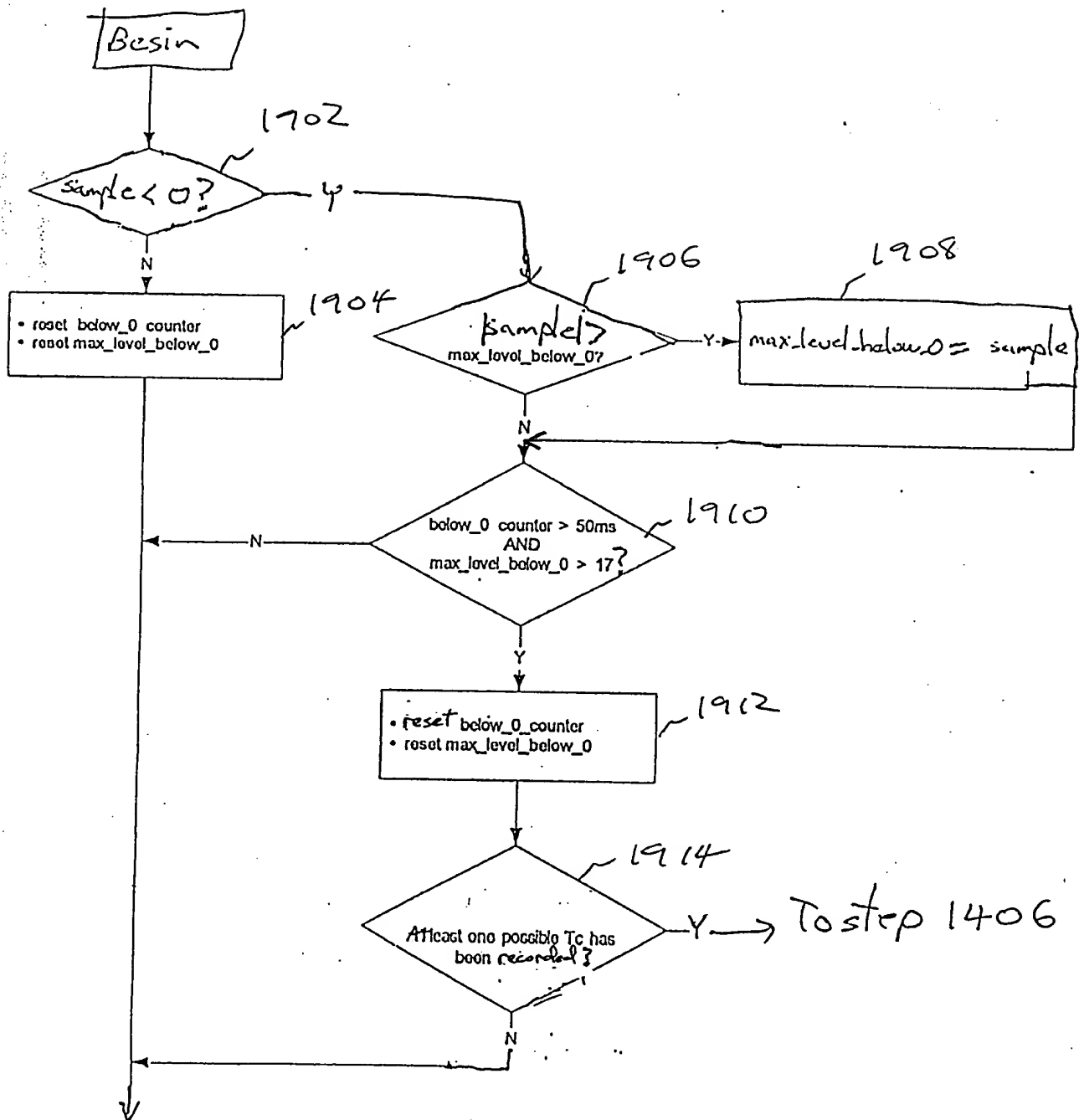


Fig. 19

001290" 59224260

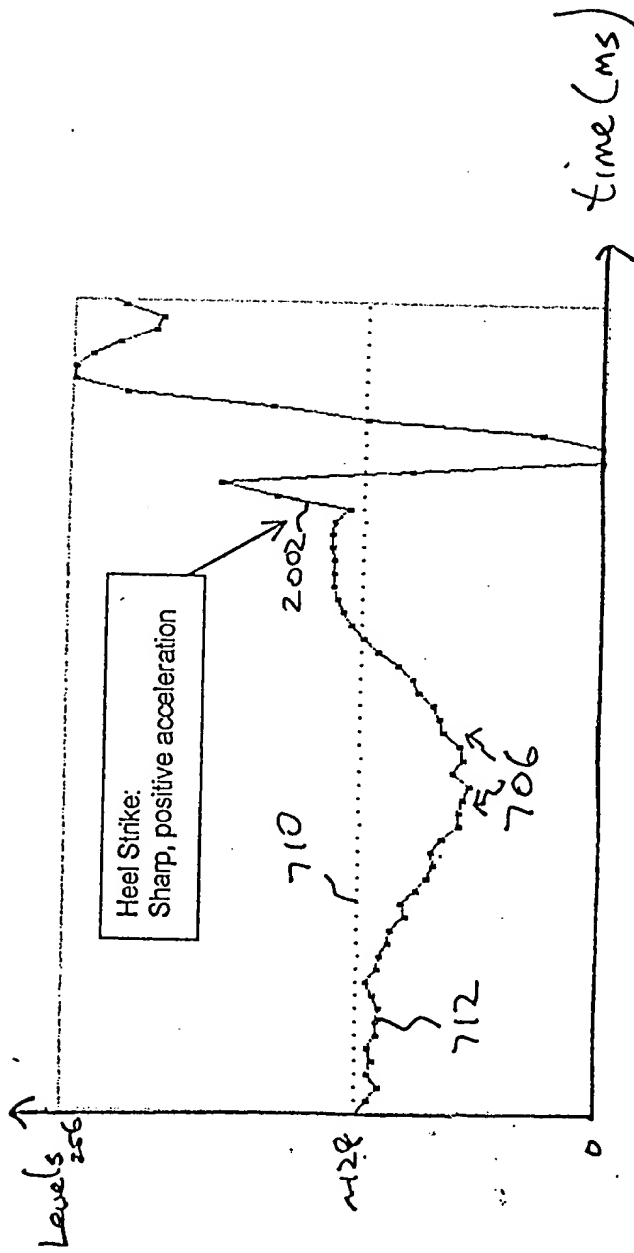


Fig. 20

0564265.082100

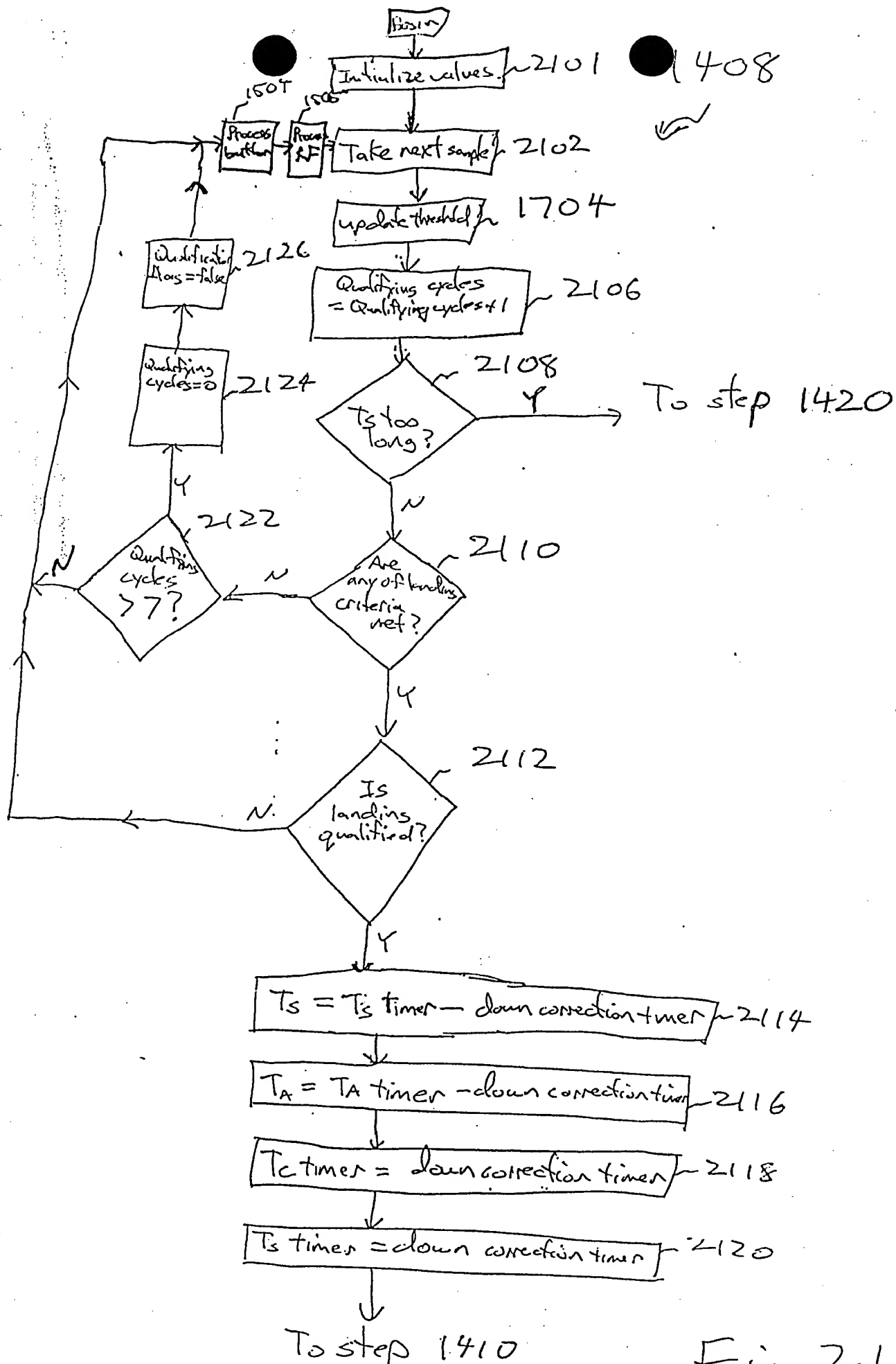
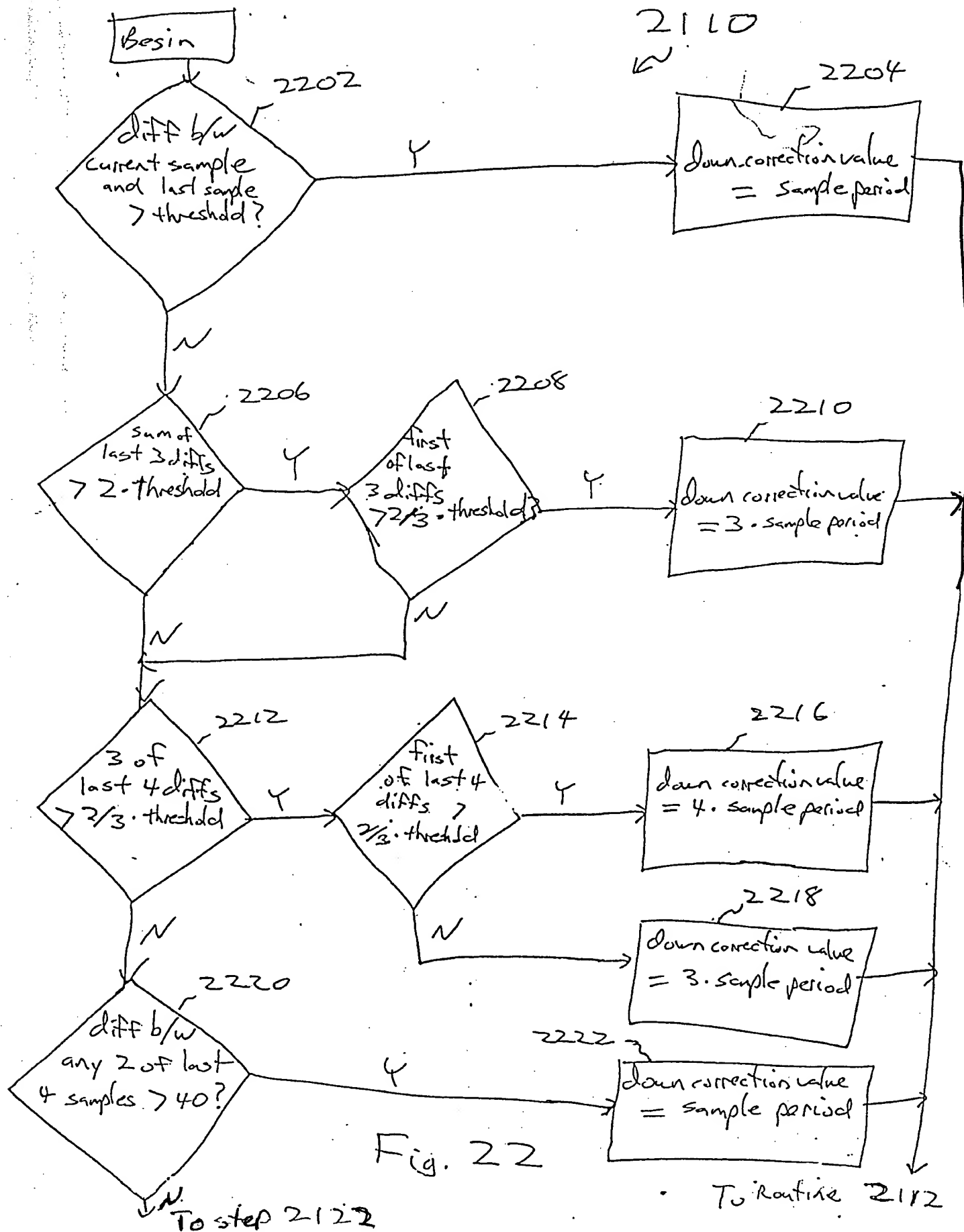


Fig. 21

09042665 082100



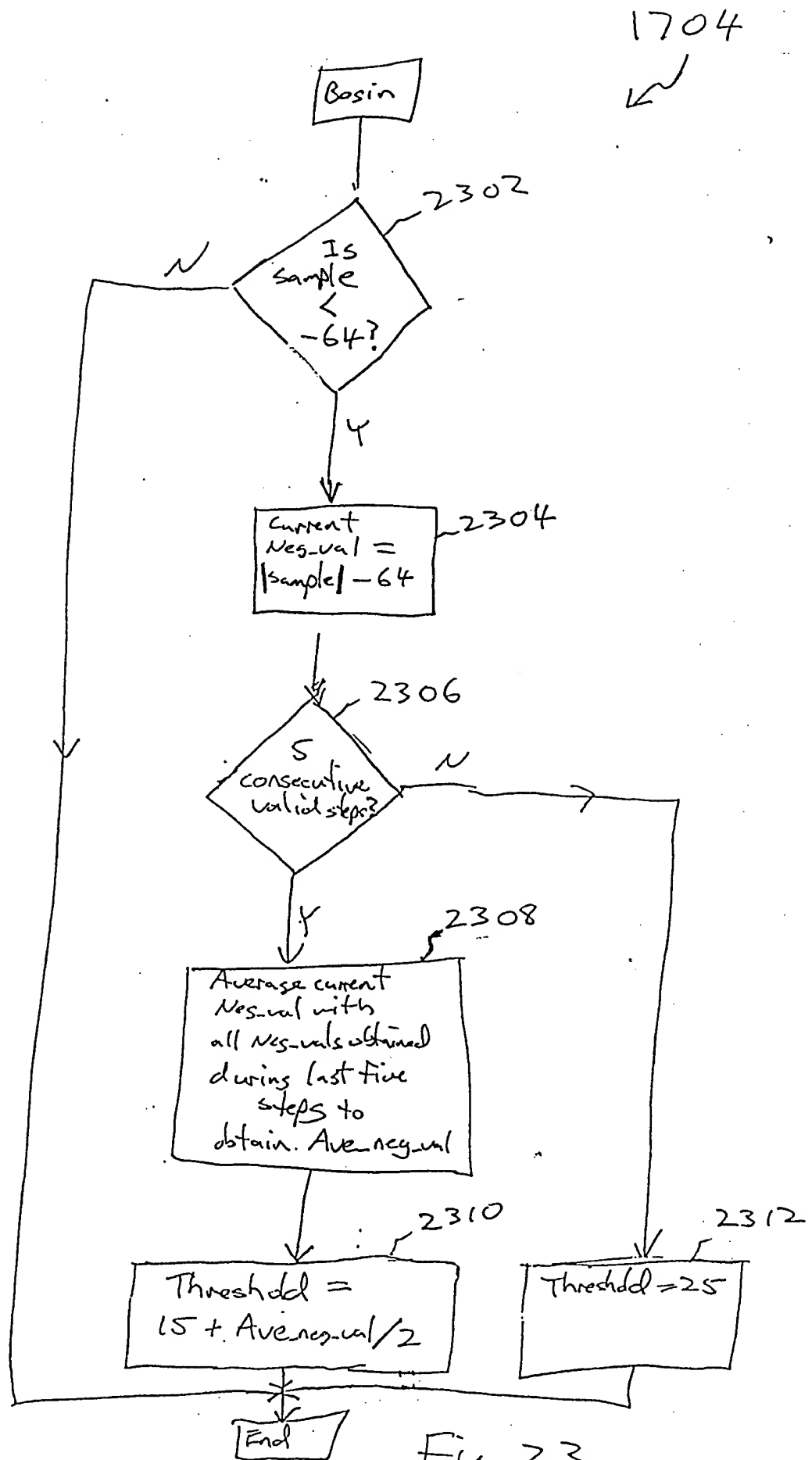


Fig. 23.

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

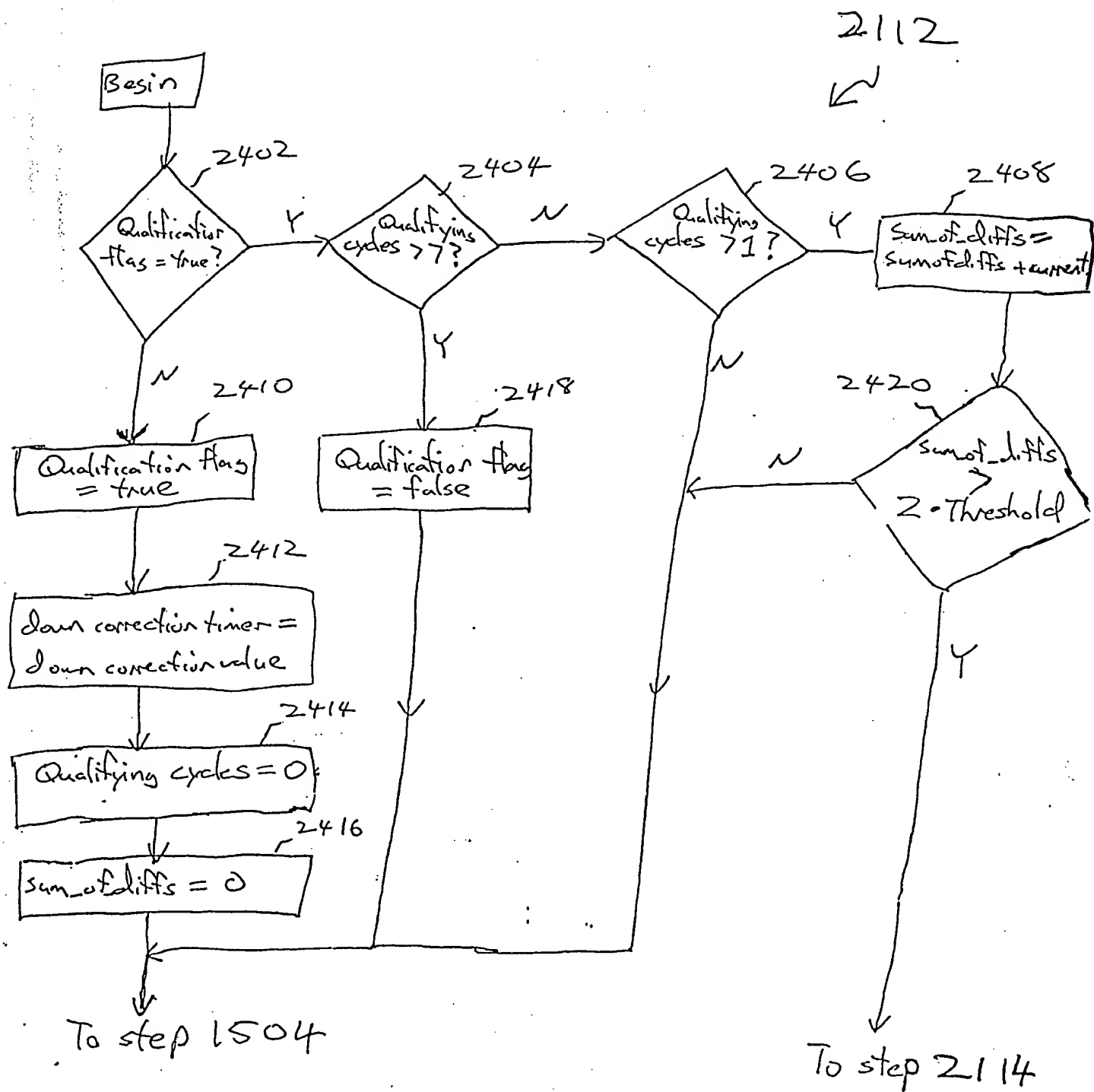


Fig. 24

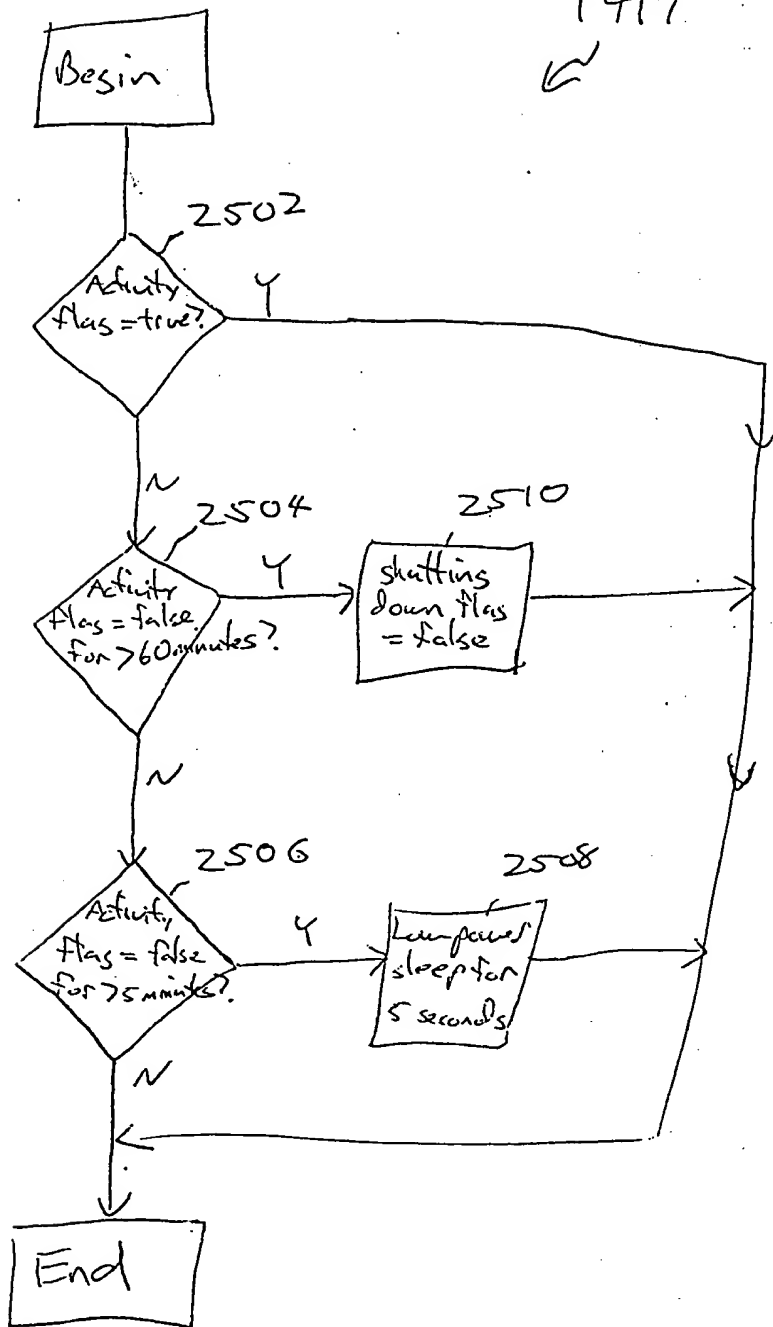


Fig. 25



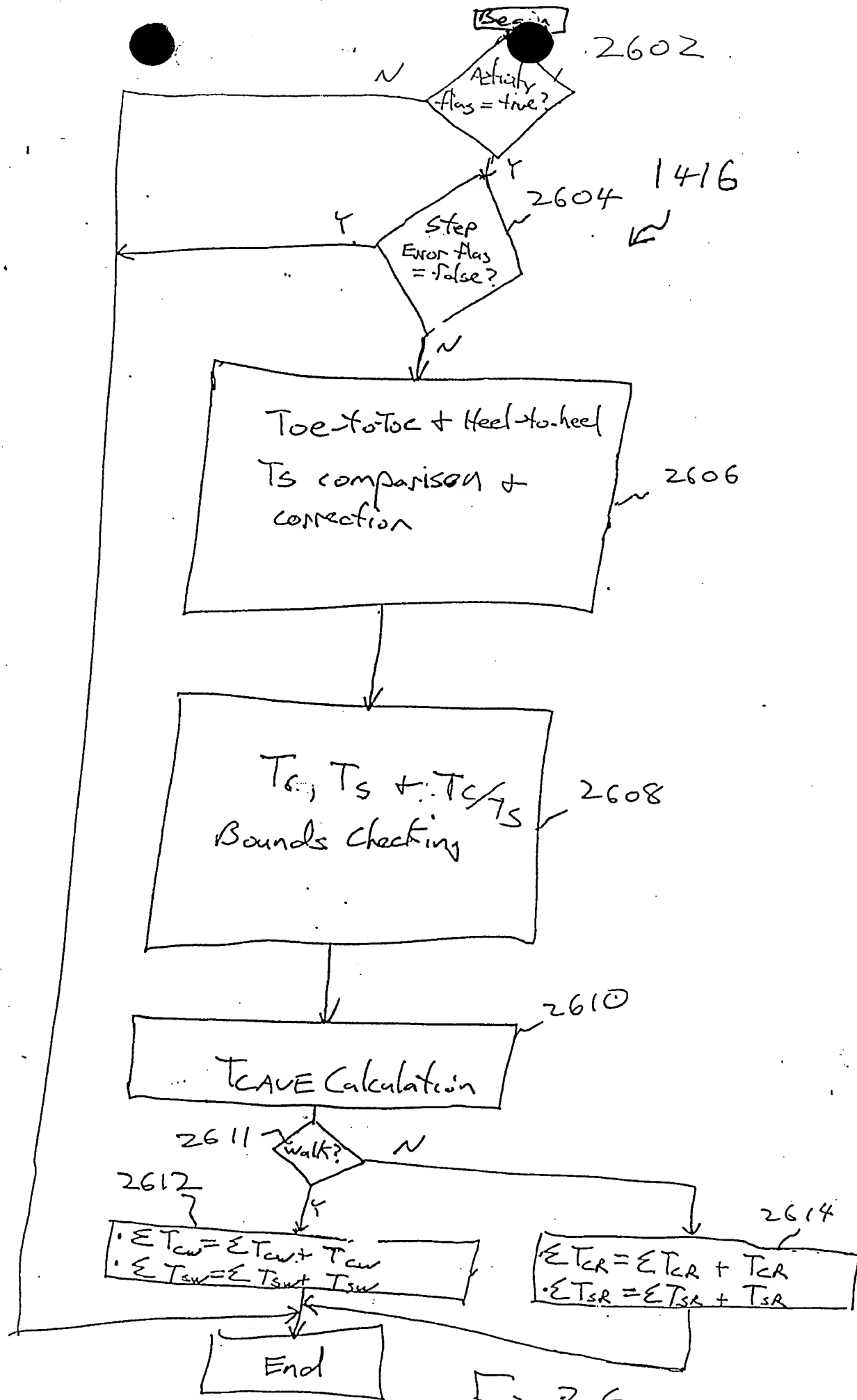


Fig. 26

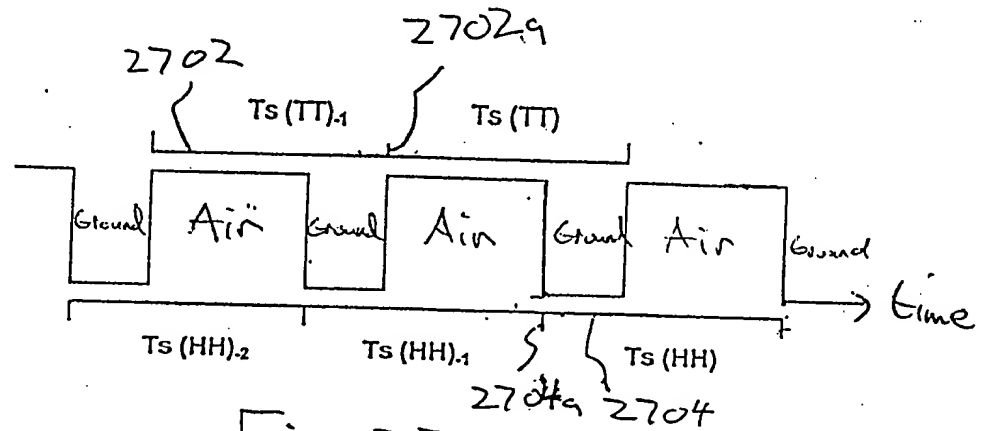


Fig. 27

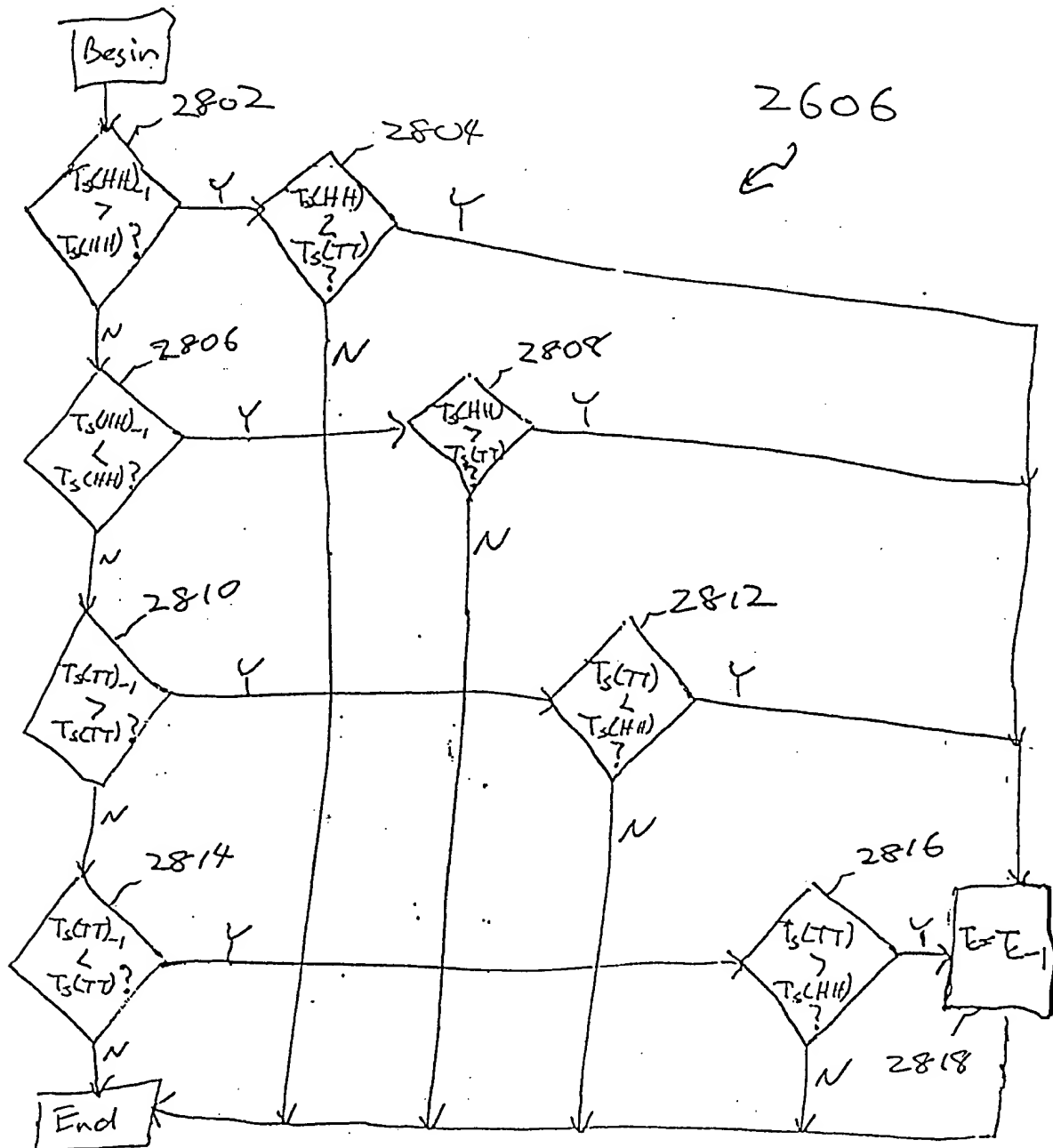


Fig. 28

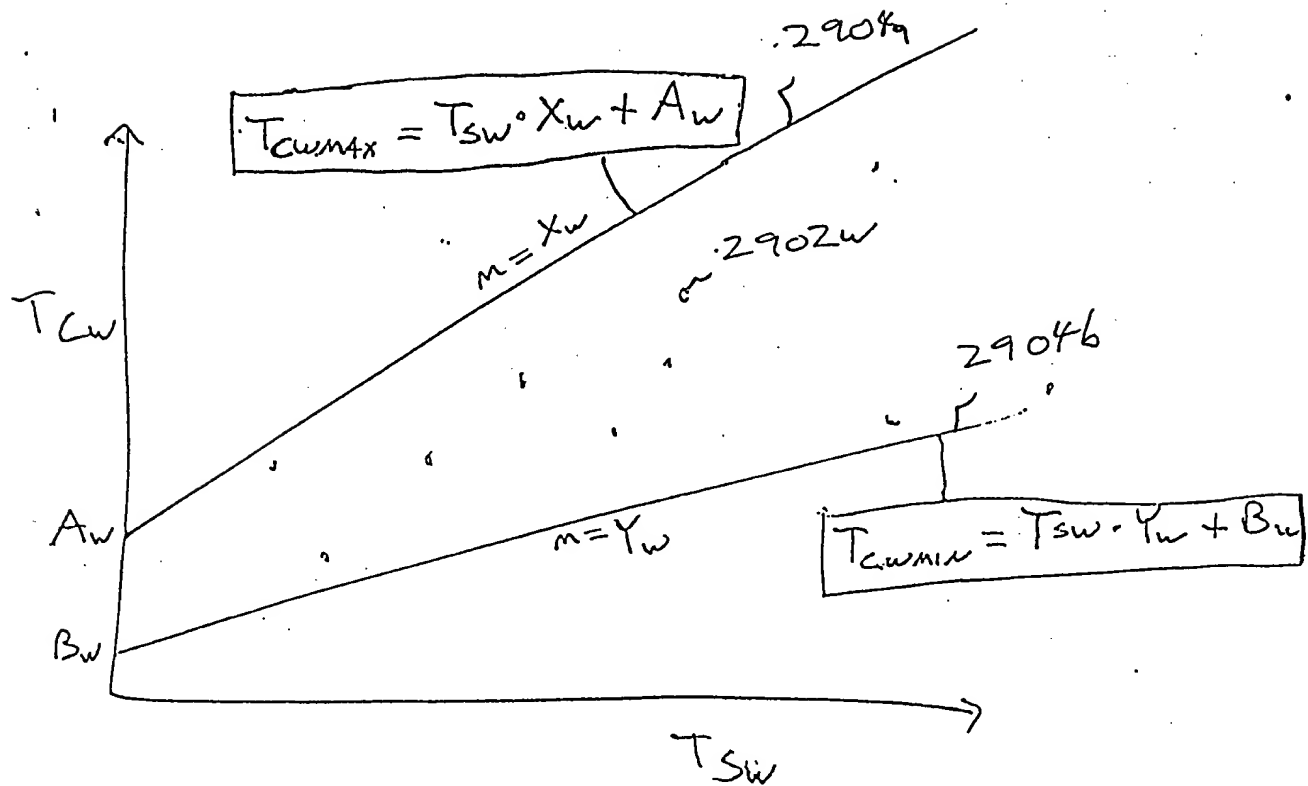


Fig. 29A

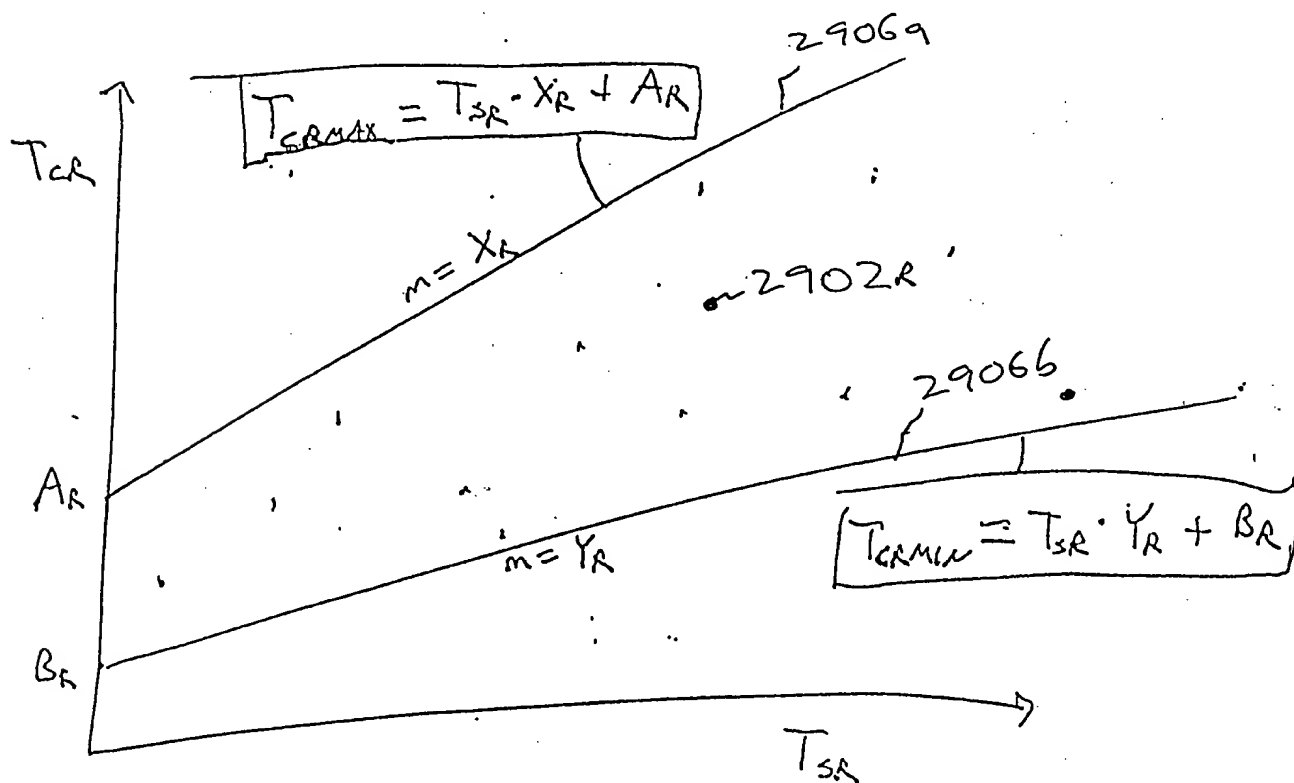


Fig. 29B

2608  
N

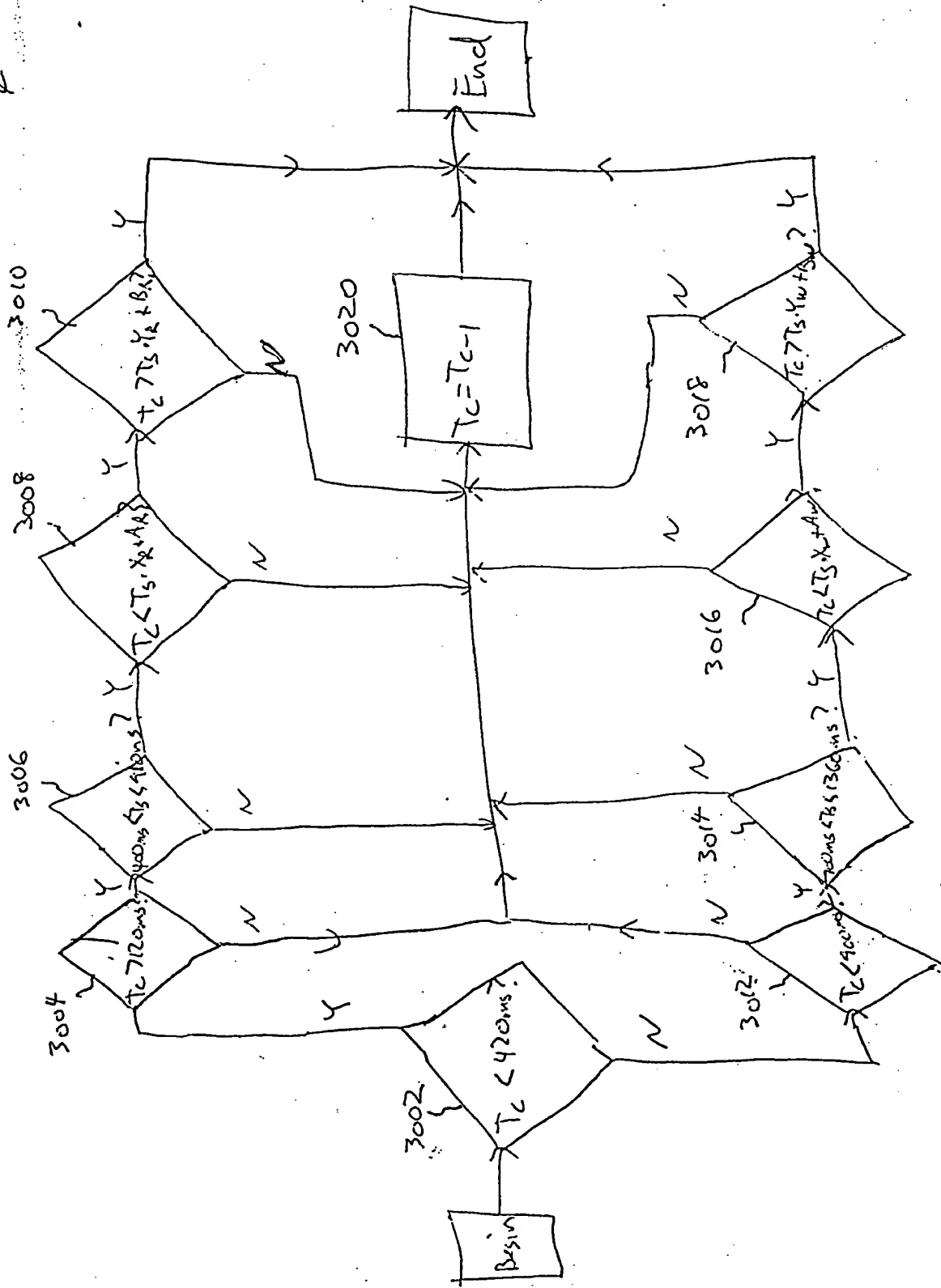


Fig. 30

00122201 00024960

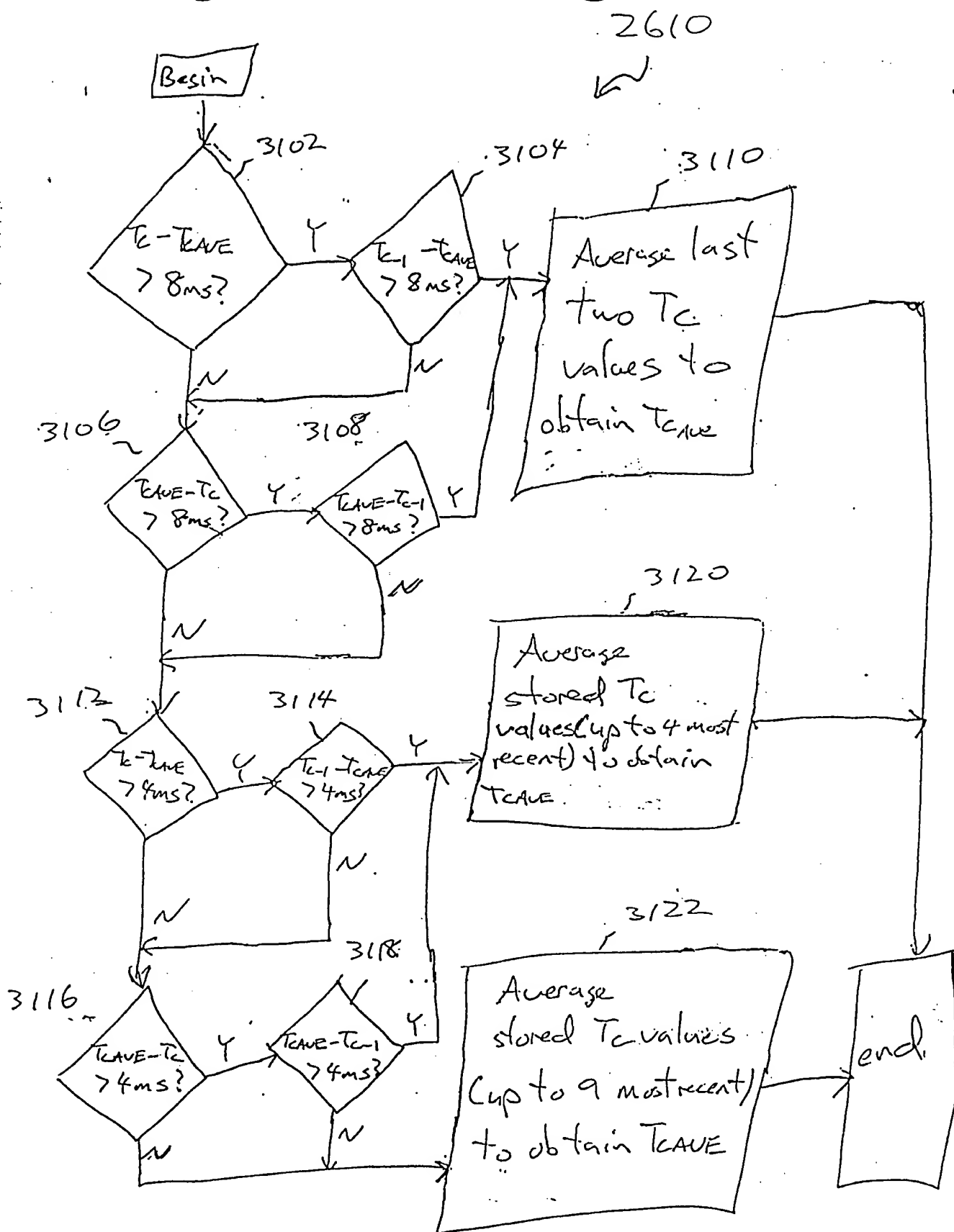


Fig. 31

Fig. 32A

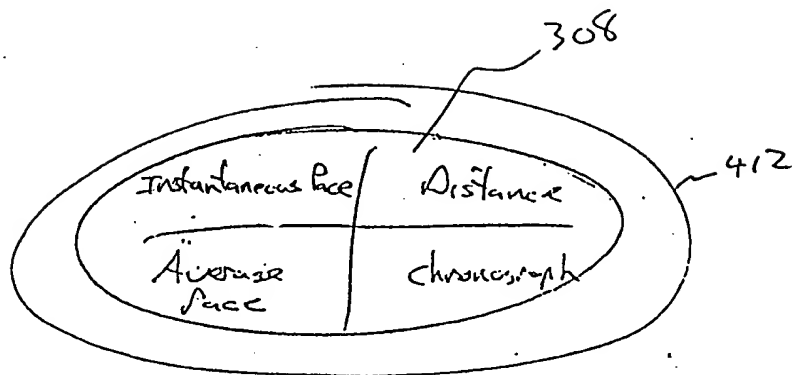


Fig. 32B

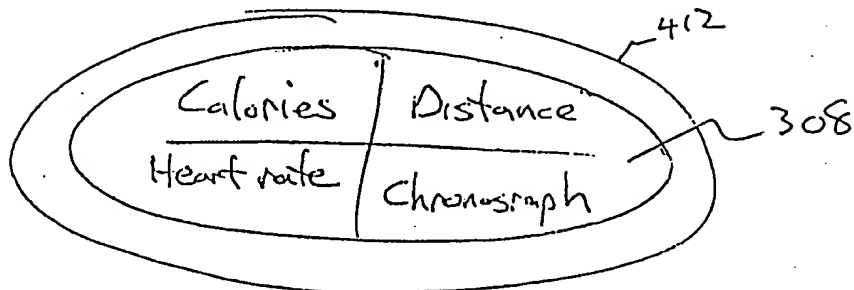


Fig. 32C

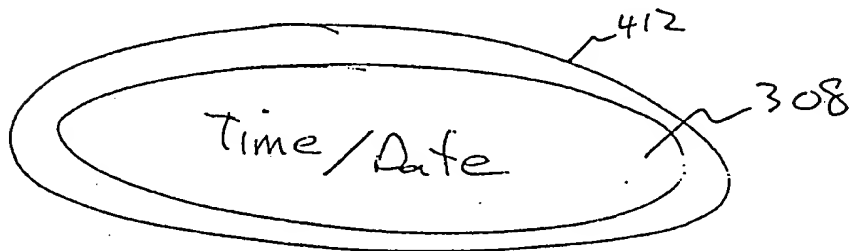


Fig. 32D

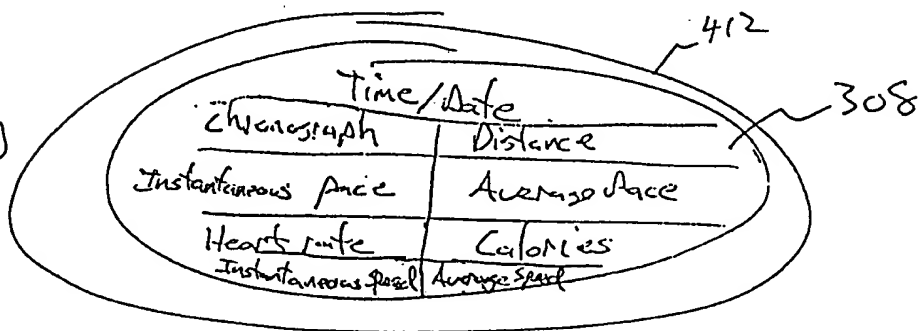
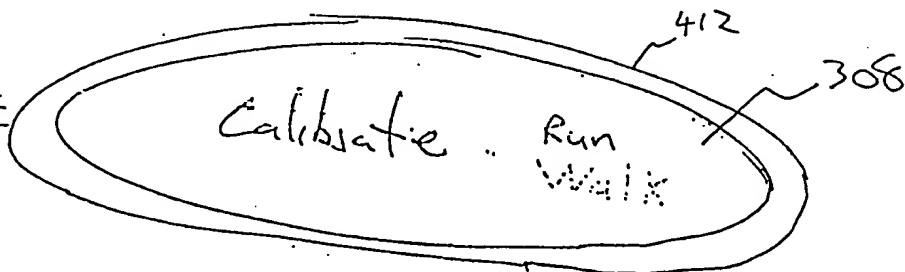


Fig. 32E



A hand-drawn diagram of a watch face. The watch face is represented by a large oval with a smaller oval inside it. The inner oval contains a table with two columns and two rows. The top row is labeled 'Instantaneous speed' and 'Calories'. The bottom row is labeled 'Chronograph' and 'Distance'. A line points from the number '308' to the 'Calories' column. Another line points from the number '412' to the 'Distance' column.

Instantaneous speed	Calories
Chronograph	Distance

A hand-drawn diagram consisting of two concentric ovals. Inside, a 2x2 grid is formed by a horizontal and a vertical line. The top-left cell is labeled "Instantaneous Pace", the top-right cell is labeled "Distance", the bottom-left cell is labeled "Average Pace", and the bottom-right cell is labeled "Heart rate". A bracket on the right side of the diagram, spanning the height of the grid, is labeled "412". A bracket on the top side of the diagram, spanning the width of the grid, is labeled "308".

A diagram showing a 2x2 matrix enclosed in an oval. The matrix is divided into four quadrants by a vertical and a horizontal line. The top-left quadrant is labeled 'Instantaneous Speed', the top-right is 'Distance', the bottom-left is 'Average Speed', and the bottom-right is 'Heart rate'. A line points from the label '308' to the top-right quadrant ('Distance'). Another line points from the label '412' to the right side of the oval.

Instantaneous Speed	Distance
Average Speed	Heart rate

**Mr. R. L. Moore** (Union County, Tenn.)

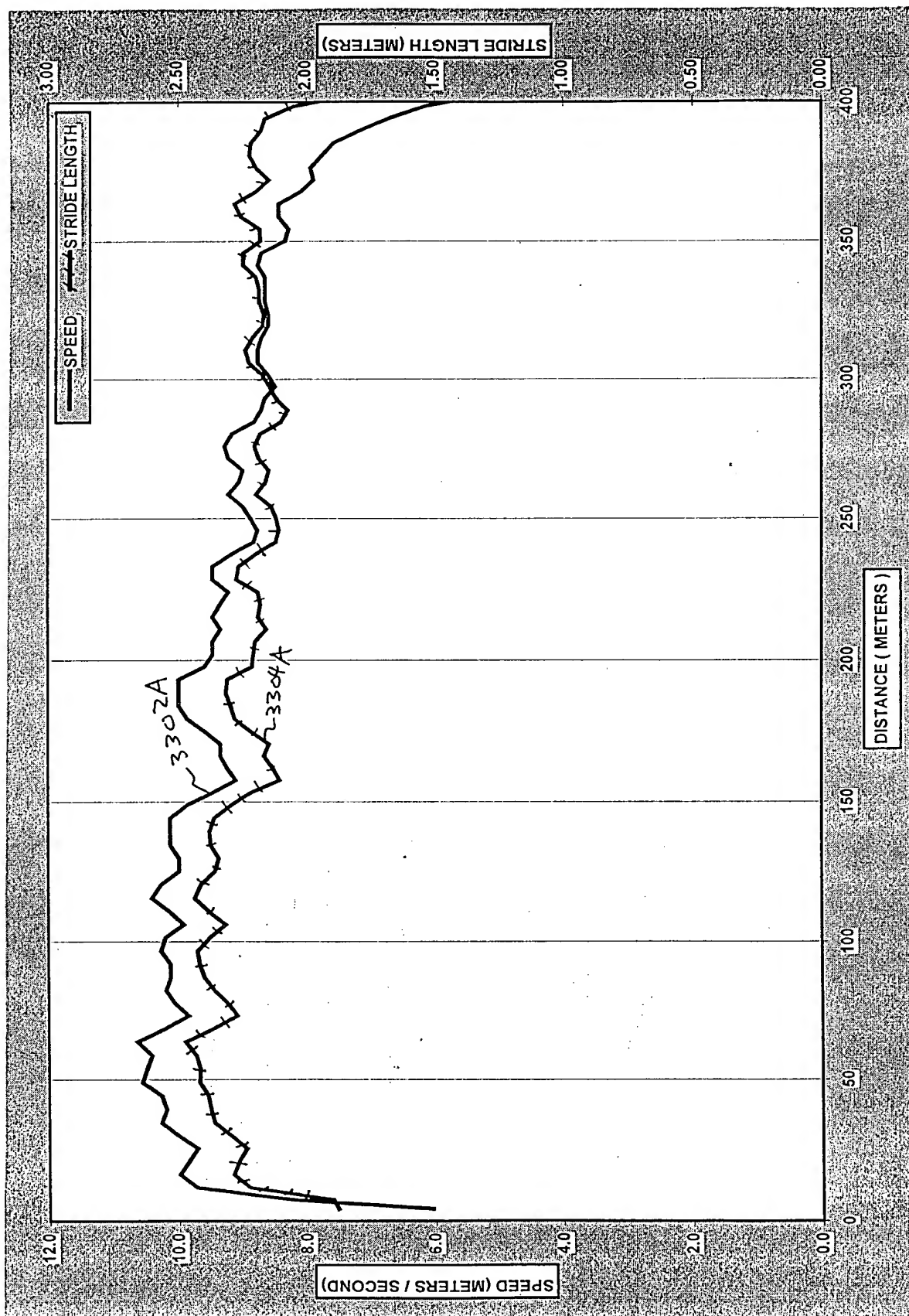
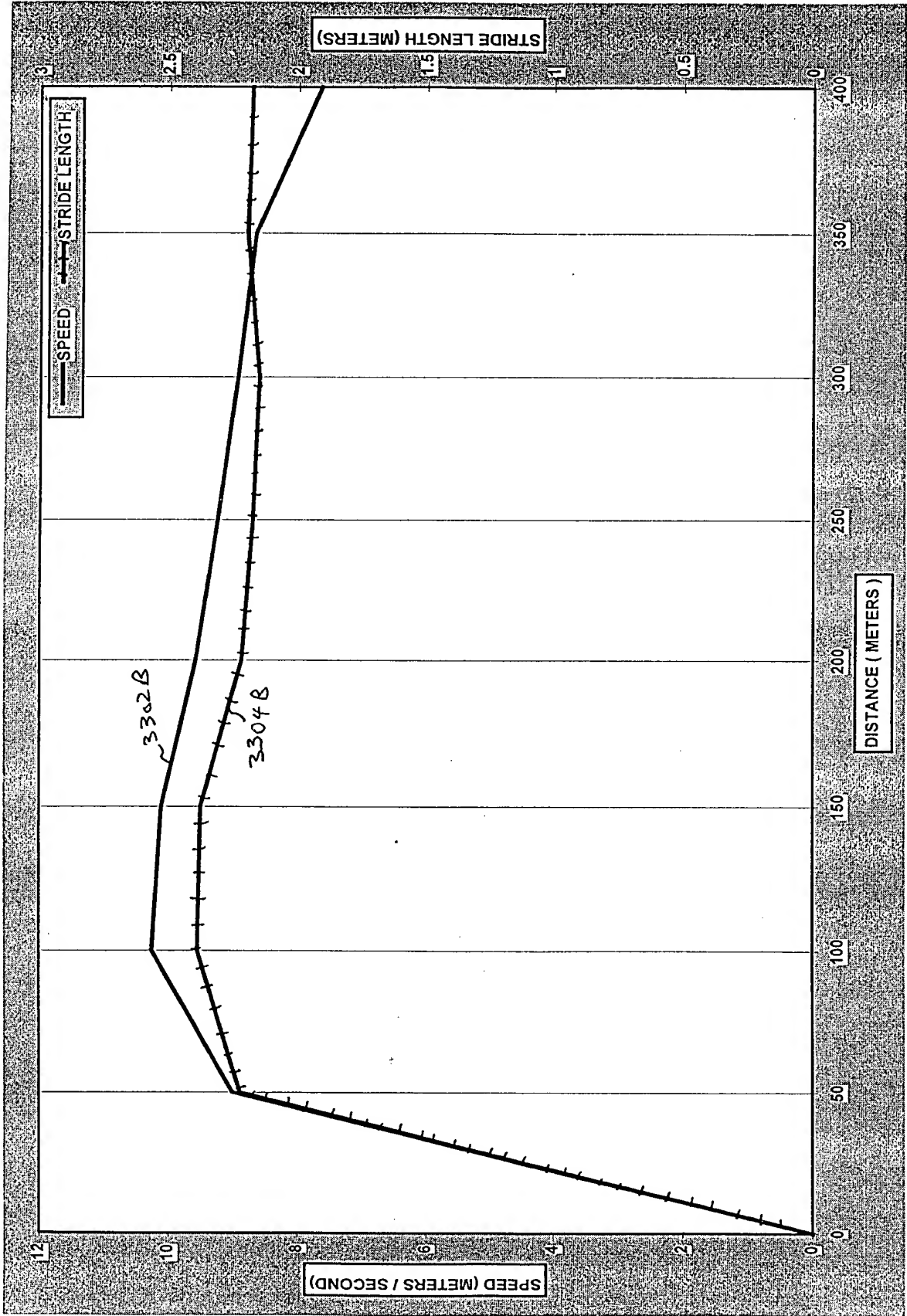


Fig. 33A





PP-4355, 000100  
Fig. 33B

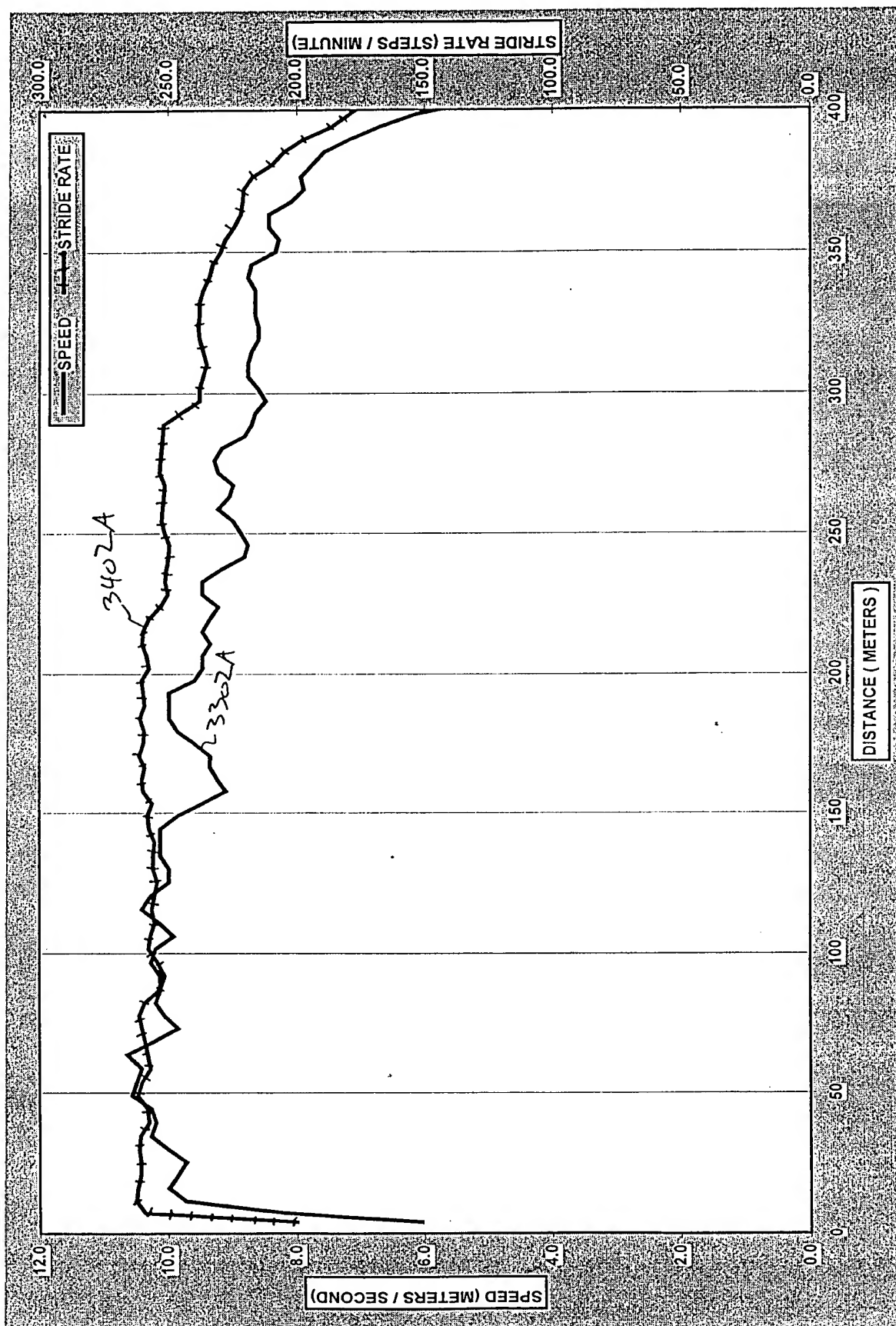


Fig. 3. B44A - 002.100

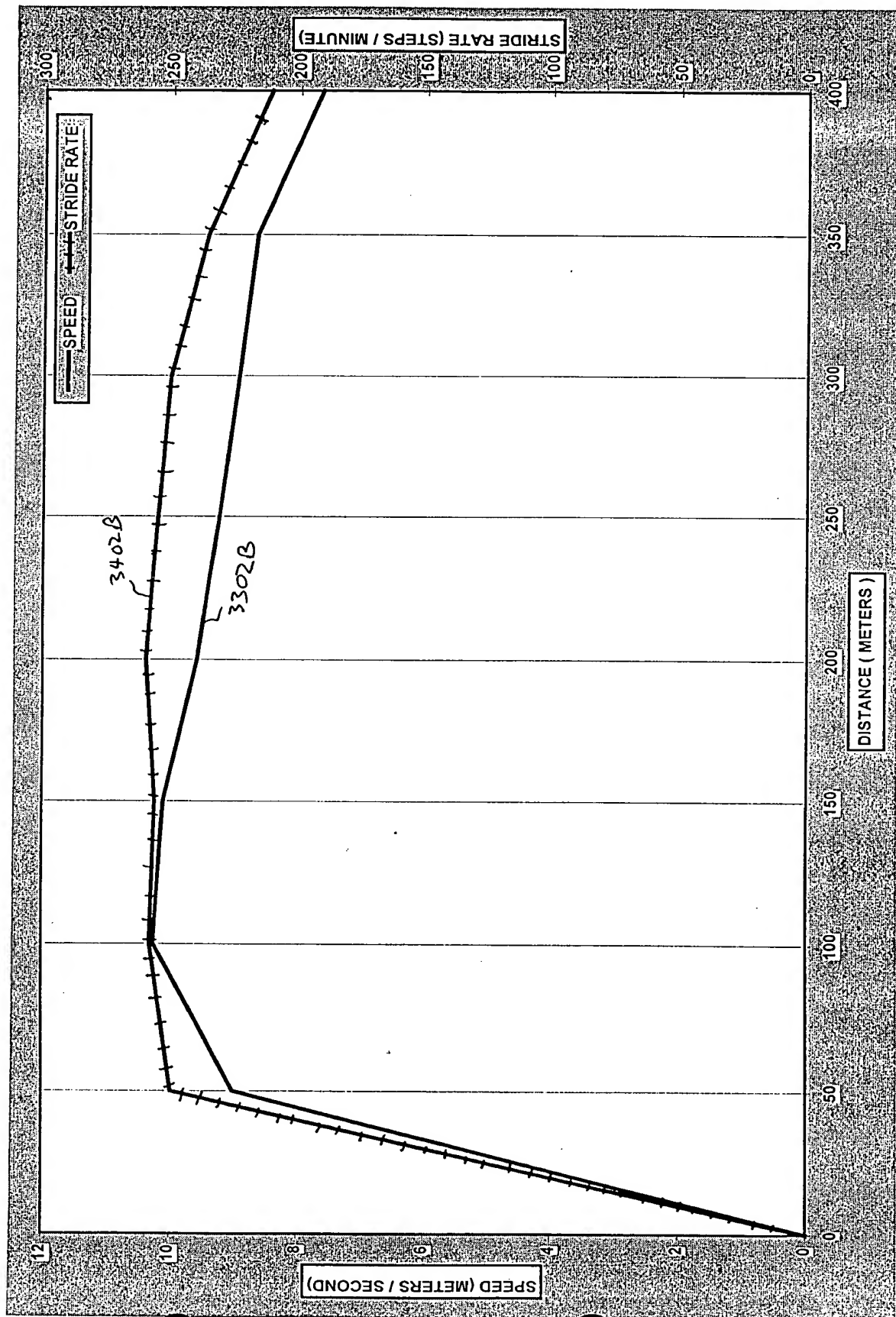


Fig. 34B5 "002100

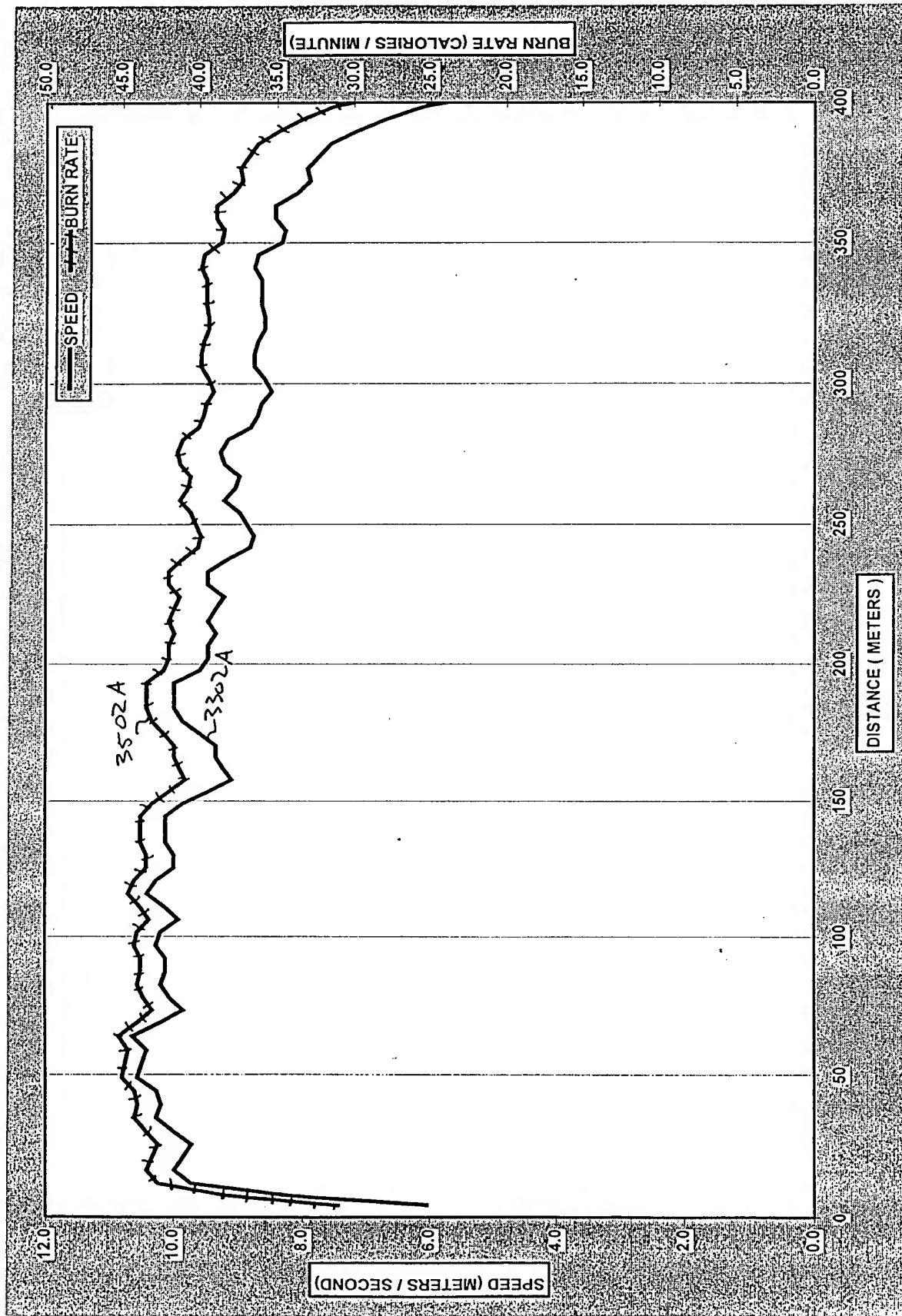
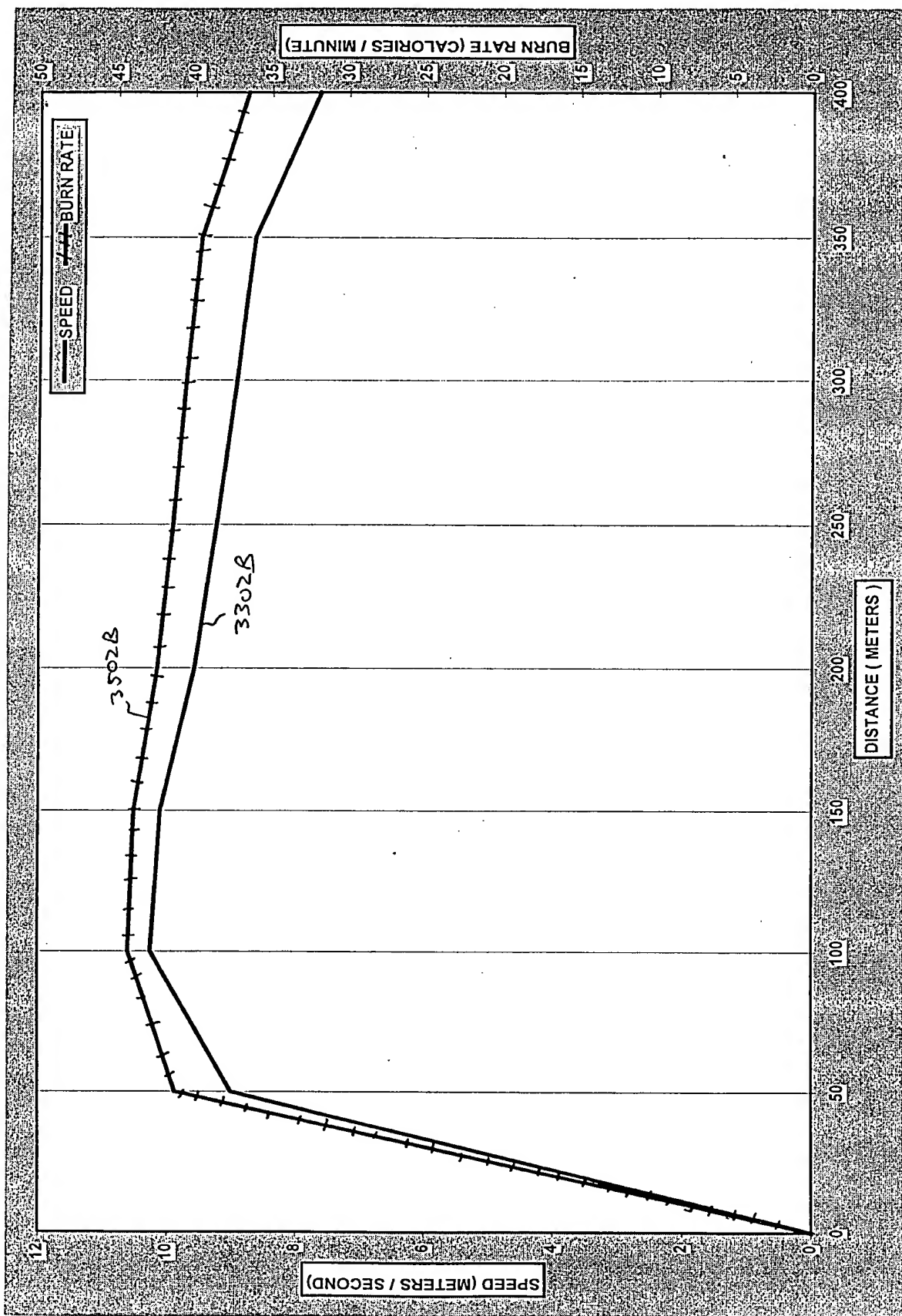


Fig. 335A .022100



0341935B-00001.00

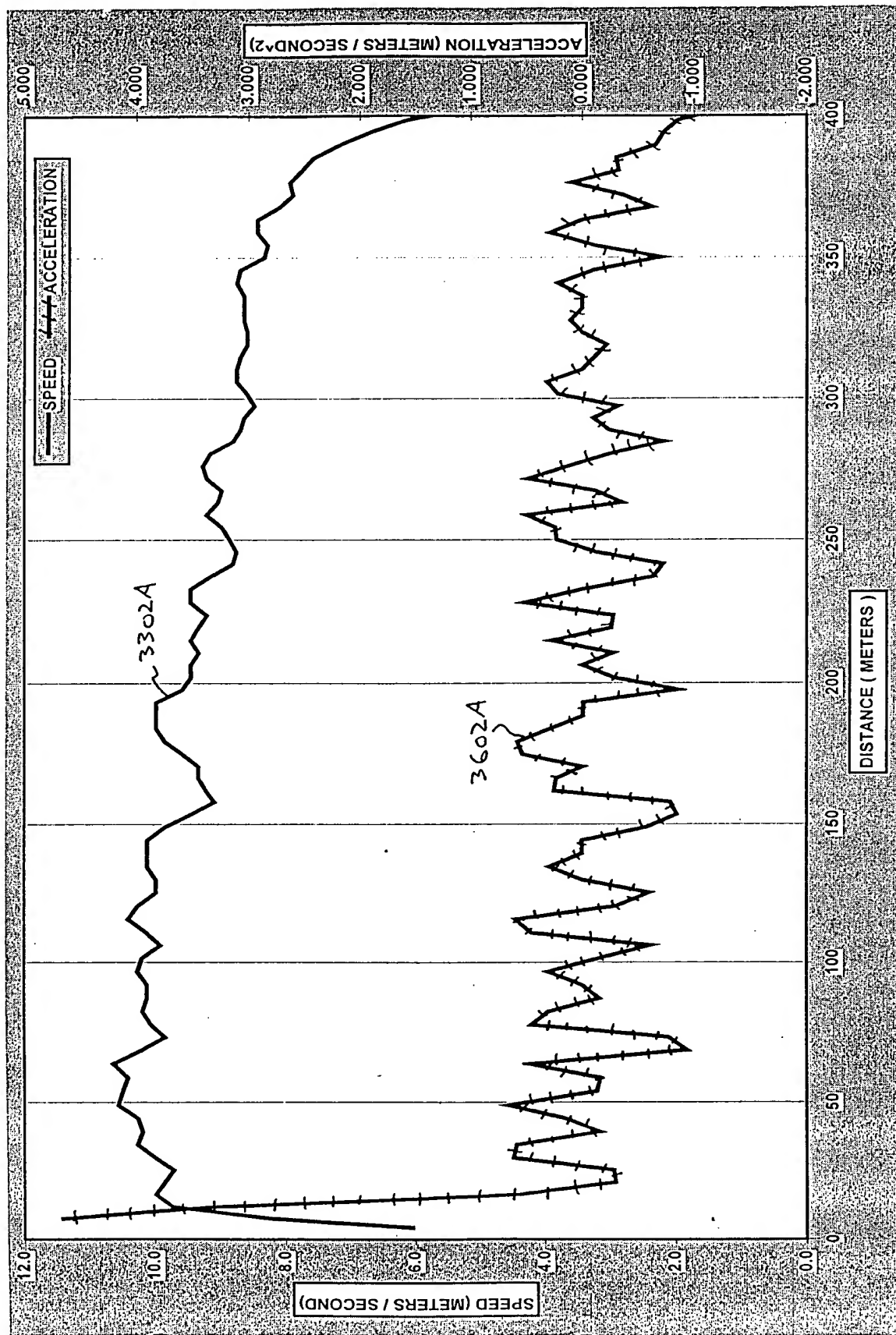


Fig 36A "002100"

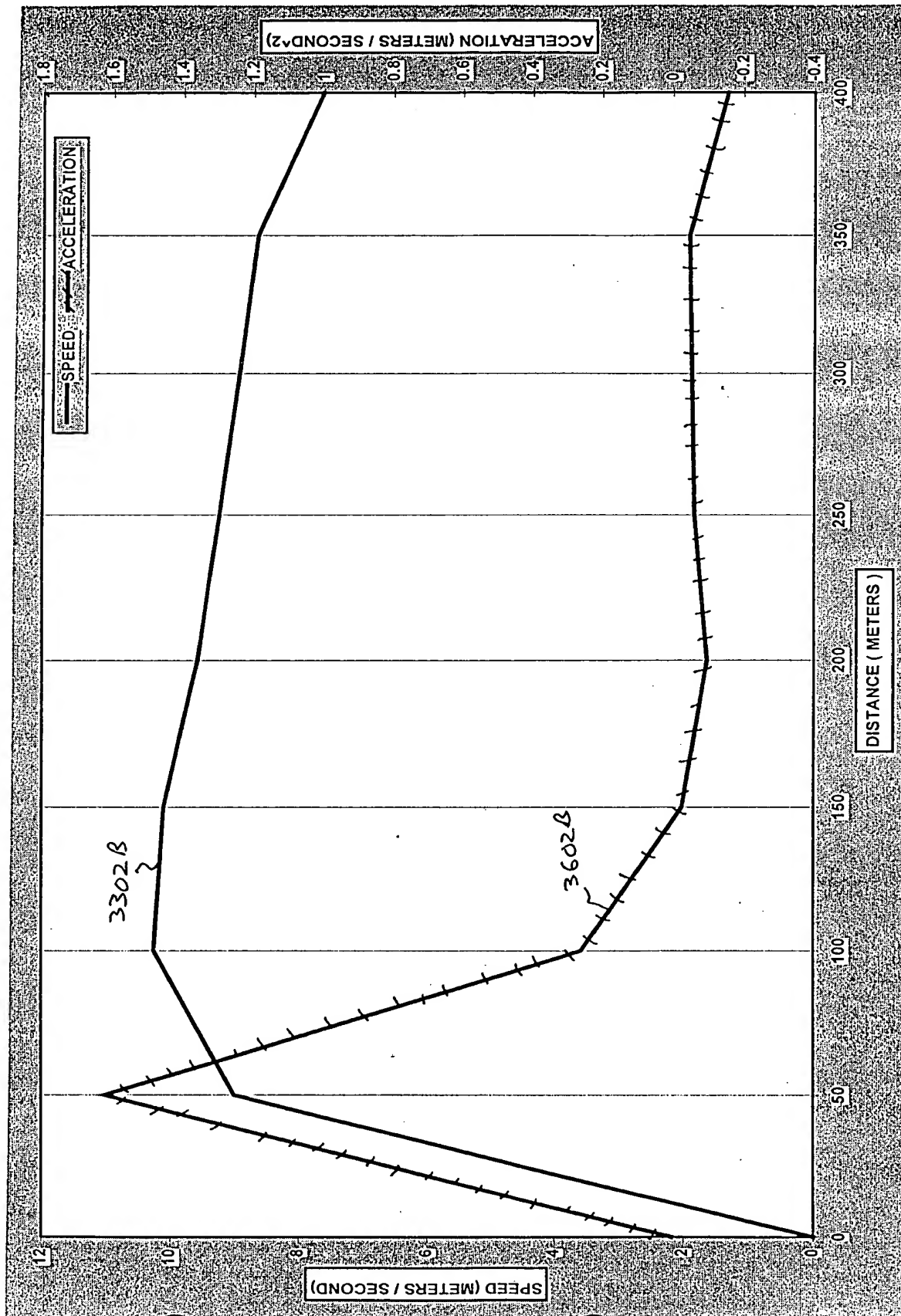


Fig 368 002100



Distance meters	Race Time seconds	Split Time seconds	Average Speed		Average Stride Length		Average Stride Rate		Average Burn Rate Calories/minute	Total Calories	Acceleration meters/second <sup>2</sup>
			meters/second	MPH	meters	feet	steps/minute	Calories/minute			
0	0	0	0	0	0	0	0	0	0	0	0
50	5.6	5.6	9.0	20.1	2.22	7	249.5	41.1	3.7	1.621	
100	10.4	4.9	10.3	22.9	2.39	7	257.9	44.2	7.3	0.257	
150	15.4	4.9	10.1	22.6	2.37	7	256.1	43.9	10.9	-0.030	
200	20.6	5.2	9.6	21.4	2.22	7	259.7	42.3	14.6	-0.100	
250	26.0	5.4	9.2	20.7	2.18	7	255.1	41.3	18.3	-0.063	
300	31.6	5.6	8.9	20.0	2.15	7	250.4	40.5	22.1	-0.054	
350	37.4	5.8	8.7	19.4	2.20	7	236.1	39.6	25.9	-0.048	
400	43.9	6.5	7.6	17.1	2.18	7	211.1	36.5	29.9	-0.155	

SPLITS

Fig. 37



Pace Vs. Ts (walking)

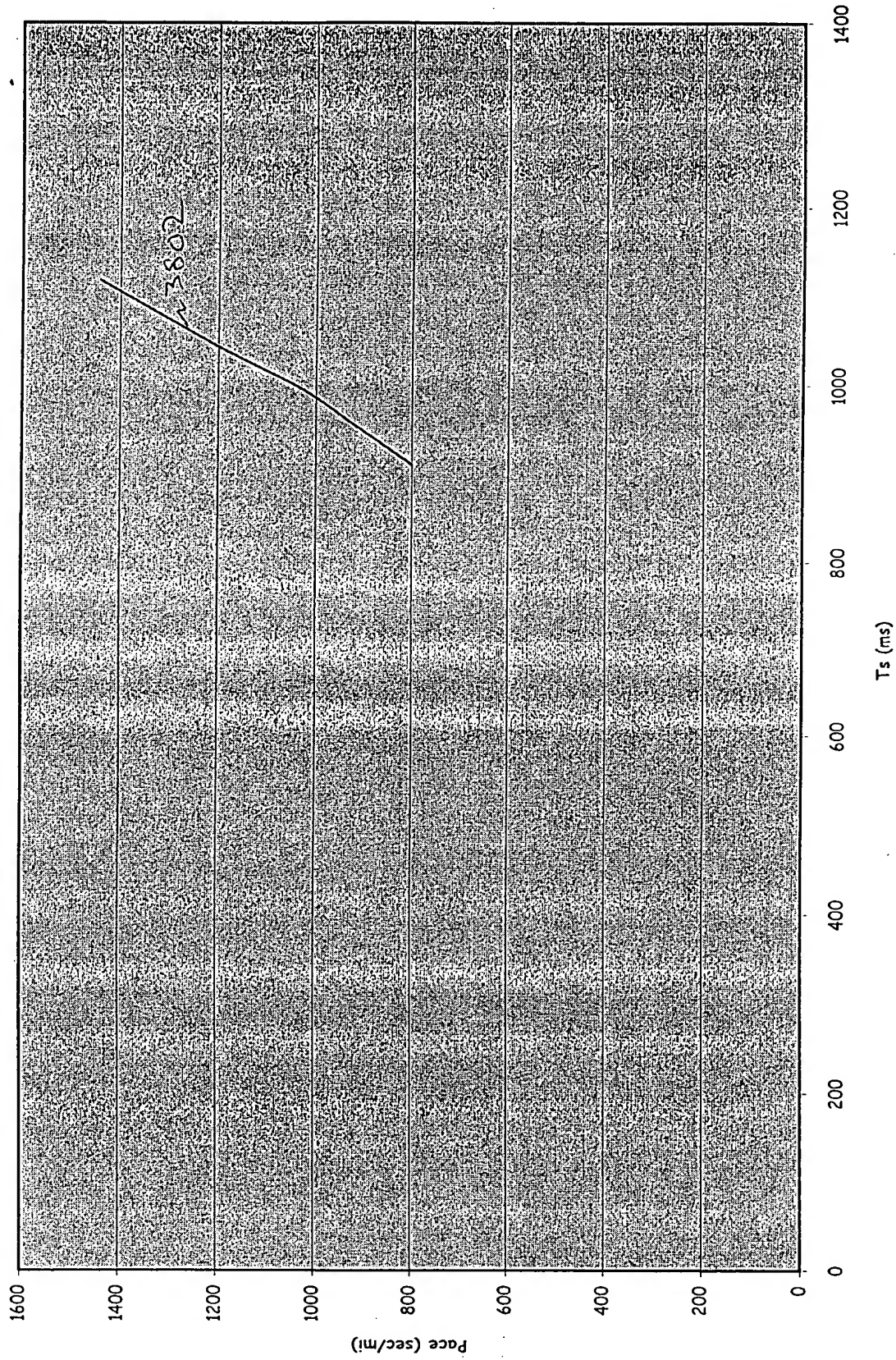
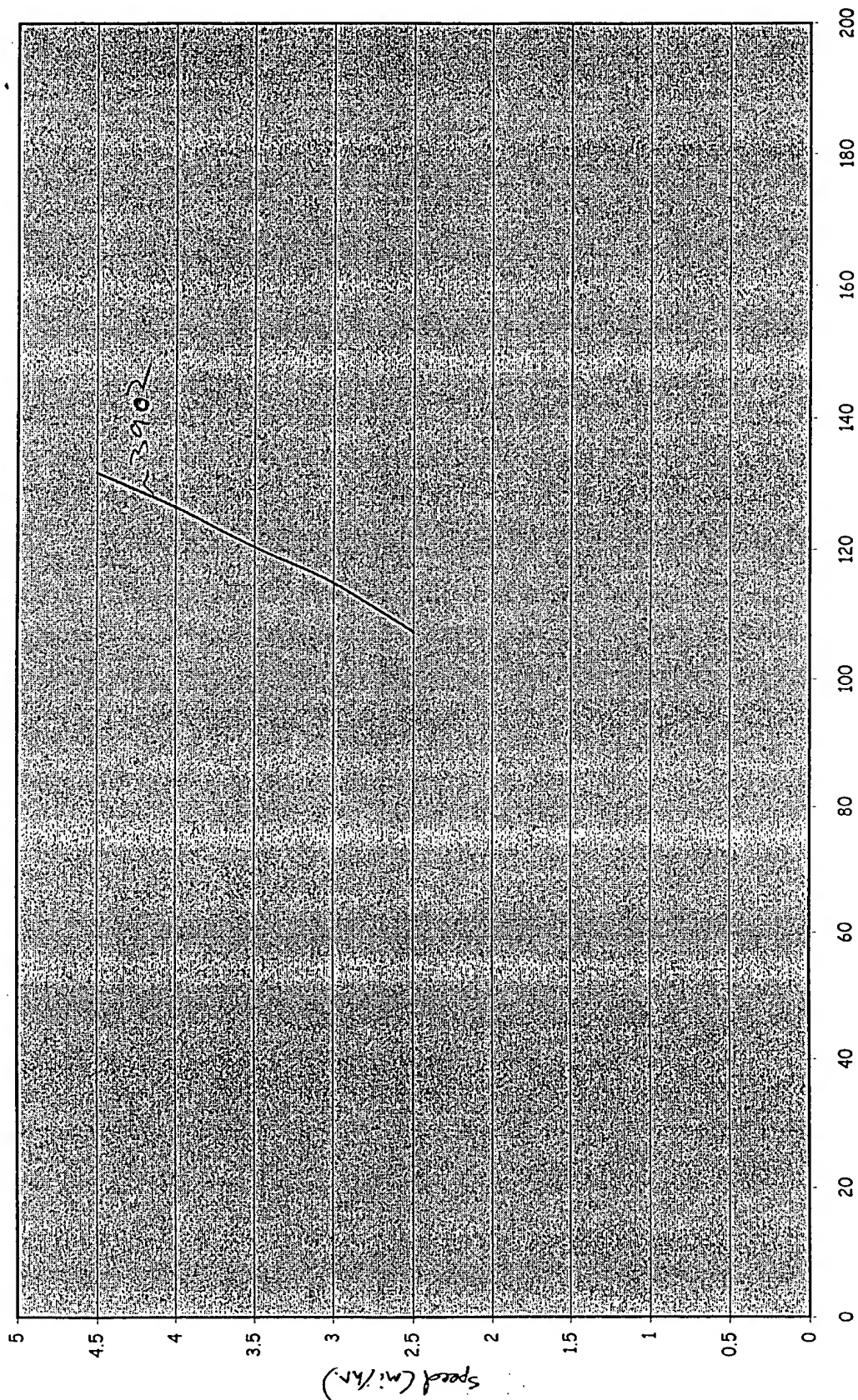


Fig. 38  
09642355.002.100

Speed vs.  $V_T$  (Walking)

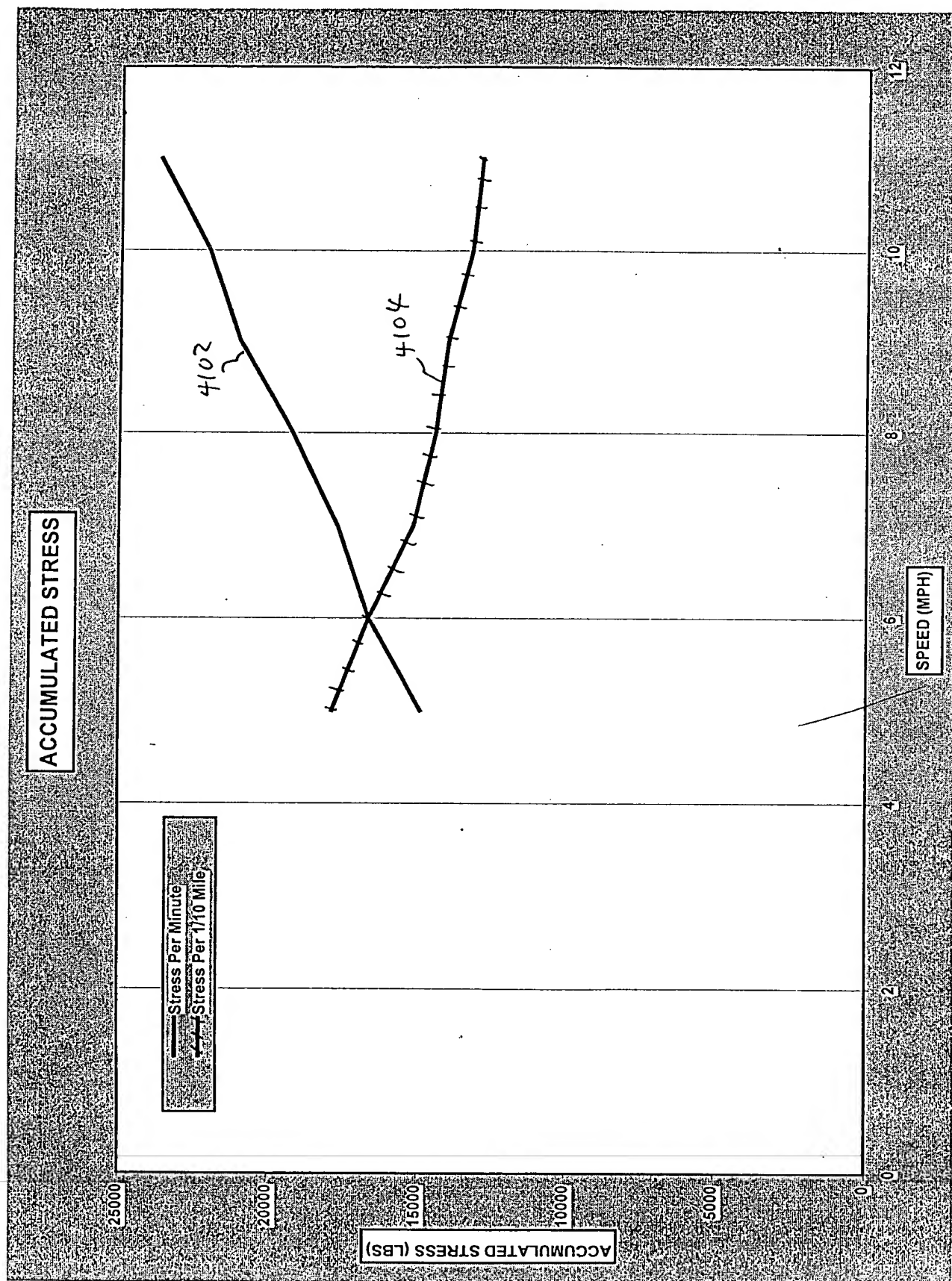


096408357.082100

Speed (mph)	Pace (Seconds/Mile)	Tc (ms)	Ts (ms)	Average Ground Force (lbs)	Steps Per Mile	Stress Per 1/10 Mile (lbs)	Steps Per Minute	Stress Per Minute (lbs)
5	720	302	730	181	986	17881	82	14901
6	600	270	702	195	855	16667	85	16667
7	514	254	676	200	760	15177	89	17717
8	450	234	652	209	690	14423	92	19231
9	400	214	638	224	627	14019	94	21028
10	360	204	618	227	583	13235	97	22059
11	327	190	600	237	545	12908	100	23684

Fig. 40

09642865-082100



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